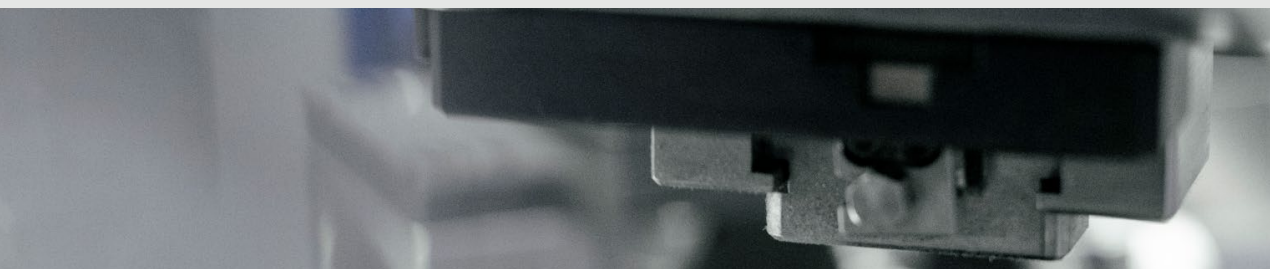


# LOW VOLTAGE CONNECTOR

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Product Catalogue



HIRSCHMANN  
AUTOMOTIVE

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# About us






## WE CREATE THE MOBILITY OF TOMORROW

For more than 60 years, we have been driving progress in the automotive industry. Our specialty? Connectors, cable assemblies, sensors, and application-specific connectivity solutions. For the current megatrends of eMobility and autonomous driving, we develop systems that set new benchmarks.

The components are developed for applications that withstand the life cycle of the vehicle and extreme environmental requirements. Whether for cars with combustion engines or for electrified vehicles, whether standard products or individual customer solutions – we develop systems that set new standards and support you in making the most of your idea. To fully exploit its potential, the company is digitizing and optimizing the entire value chain.

Under the most extreme conditions, this is our self-conception.

### COMPANY KEY FIGURES

 <b>Number of Employees</b> worldwide	7,330
 <b>Plant Locations</b> Production	7
 <b>Competence Centers</b>	5
 <b>Distributor</b>	1
 <b>Founding Year</b>	1959

## MOTION AND RELIABILITY: THAT IS OUR DEFINITION OF PROGRESS

### A Competent Partner in Every Regard

We regard it as our duty to constantly develop and offer the automotive industry and especially our customers cutting-edge technologies. With professional tools and special machine construction, we create the best conditions for the efficient implementation of new products and special parts.

### Quality Comes First

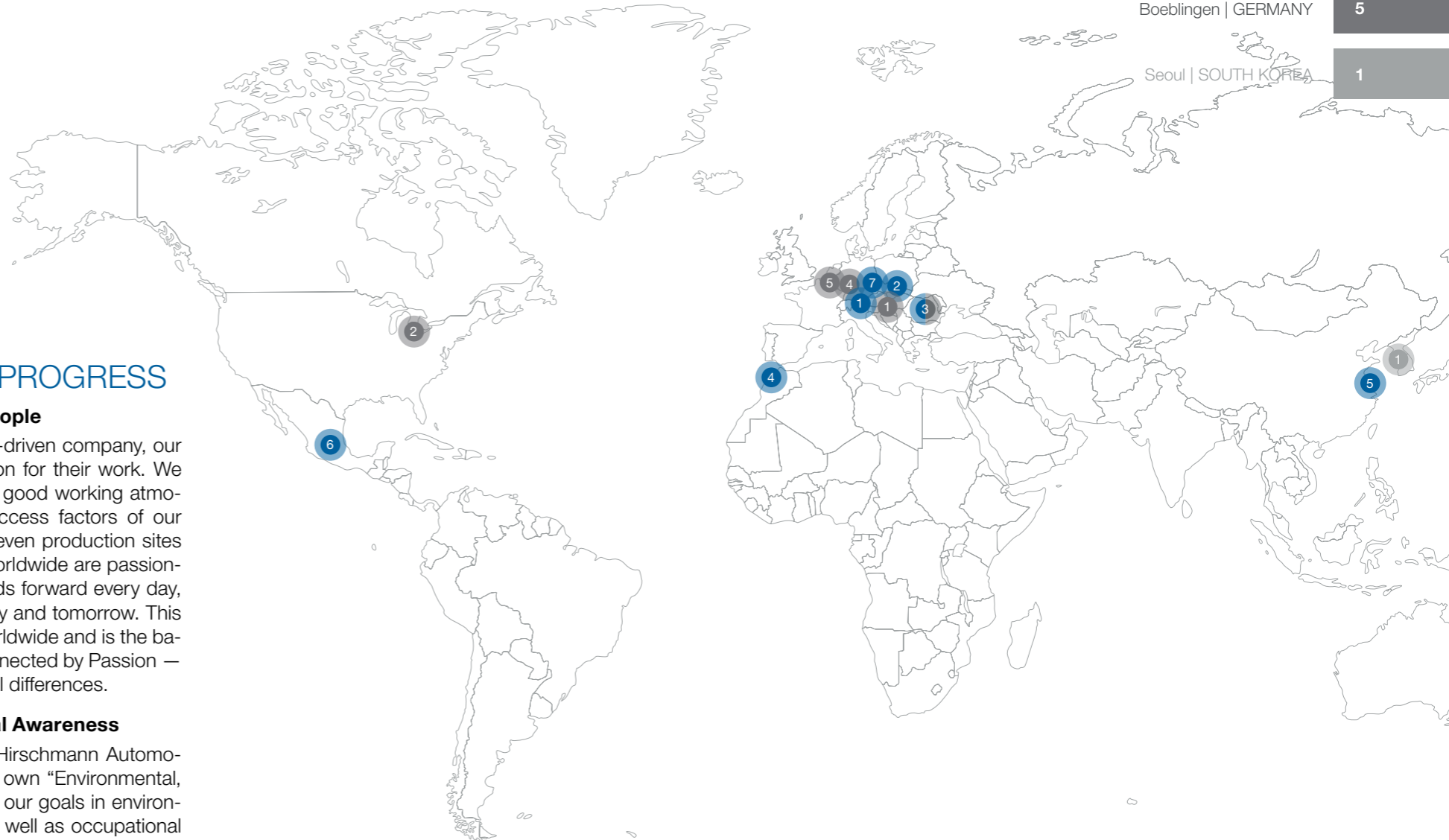
The central measuring and testing laboratory is the guarantor for fully tested components, from the design and construction phase through to series production. With vibration tests, metallography, microscopy, x-rays, tightness, infrared thermal analysis, or environmental impact analyses, you can be ensured that mature and flawless products leave our premises. Laboratory tests complete the extensive and indispensable quality process.

### Good Connections Start with People

While we are an entirely technology-driven company, our true core is people and their passion for their work. We believe that good employees and a good working atmosphere are the most important success factors of our time. Around 7,330 employees at seven production sites as well as 5 competence centers worldwide are passionately driving the major industry trends forward every day, actively shaping the mobility of today and tomorrow. This “we” concept connects the sites worldwide and is the basis of our corporate philosophy: Connected by Passion – across borders, oceans, and cultural differences.

### Sustainability and Environmental Awareness

The same standard applies to the Hirschmann Automotive Group worldwide, following our own “Environmental, Health & Safety Policy”. It describes our goals in environmental and energy management as well as occupational health and safety.



● Production Site ● Competence Centers ● Distributor

Rankweil   AUSTRIA	1
Vsetín   CZECH REPUBLIC	2
Târgu Mureș   ROMANIA	3
Kenitra   MOROCCO	4
Nantong   CHINA	5
San Miguel   MEXICO	6
Freyung   GERMANY	7

Vienna   AUSTRIA	1
Detroit   USA	2
Târgu Mureș   ROMANIA	3
Munich   GERMANY	4
Boeblingen   GERMANY	5

Seoul   SOUTH KOREA	1
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# Connector Applications

## Driven by Quality and Innovation

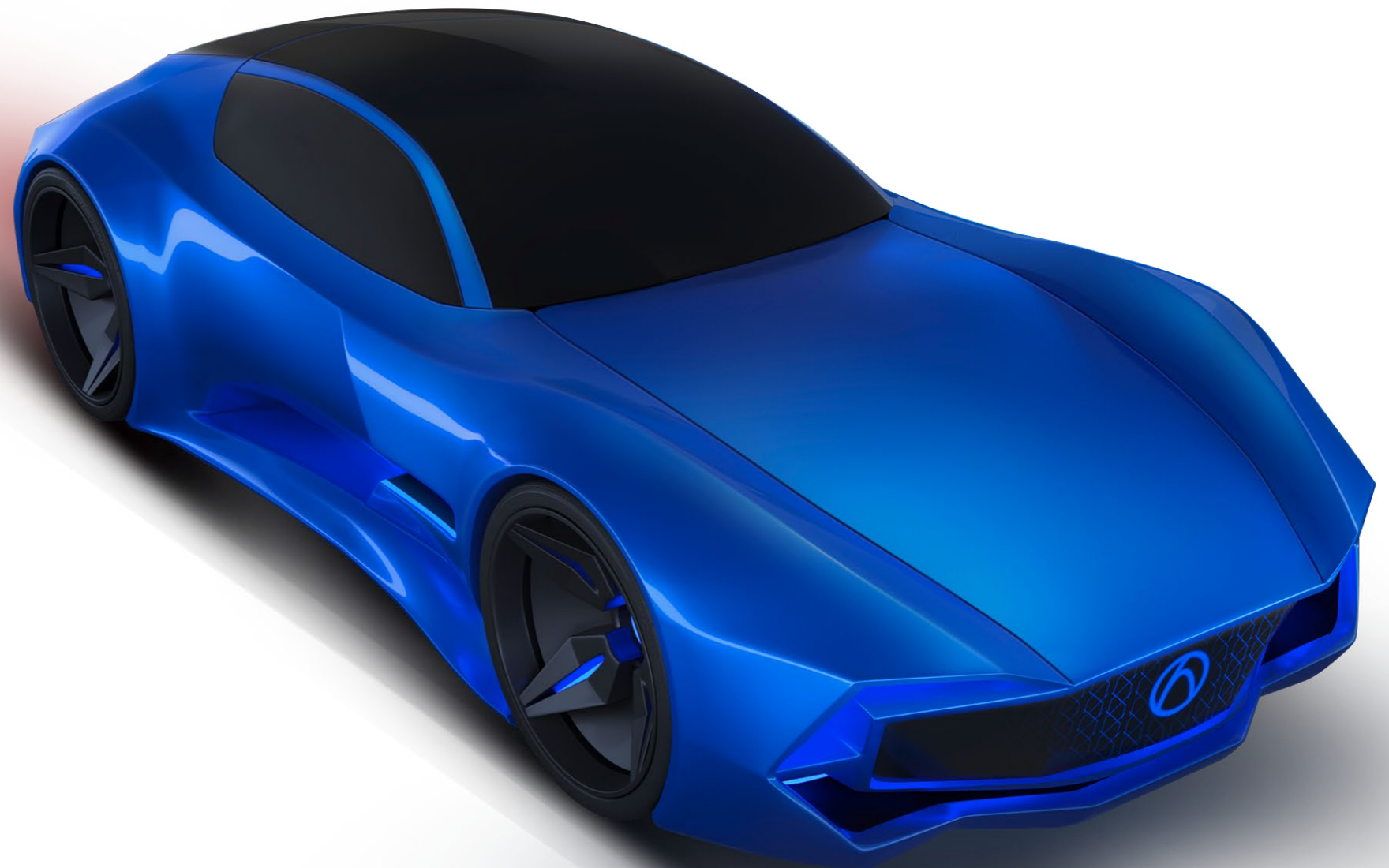
Our portfolio includes first-class connectors for all applications, whether in the interior or in highly loaded areas like the engine compartment and the axle cabling. Thereby, our products are as diverse as their application areas: They can be used for sealed or open systems. Furthermore, they are available as miniaturized or overmolded variants.

Our connectors are absolutely reliable. Depending on the application area, they are waterproof, vibration- and temperature-resistant. They guarantee maximum performance even under the highest thermal and dynamic loads.

## Connected By Passion

Our entire product range meets international automotive standards. In close collaboration with renowned OEMs, we developed a standardized connector and pin housings portfolio. We offer them in various designs regarding pole numbers, codings, and interfaces.

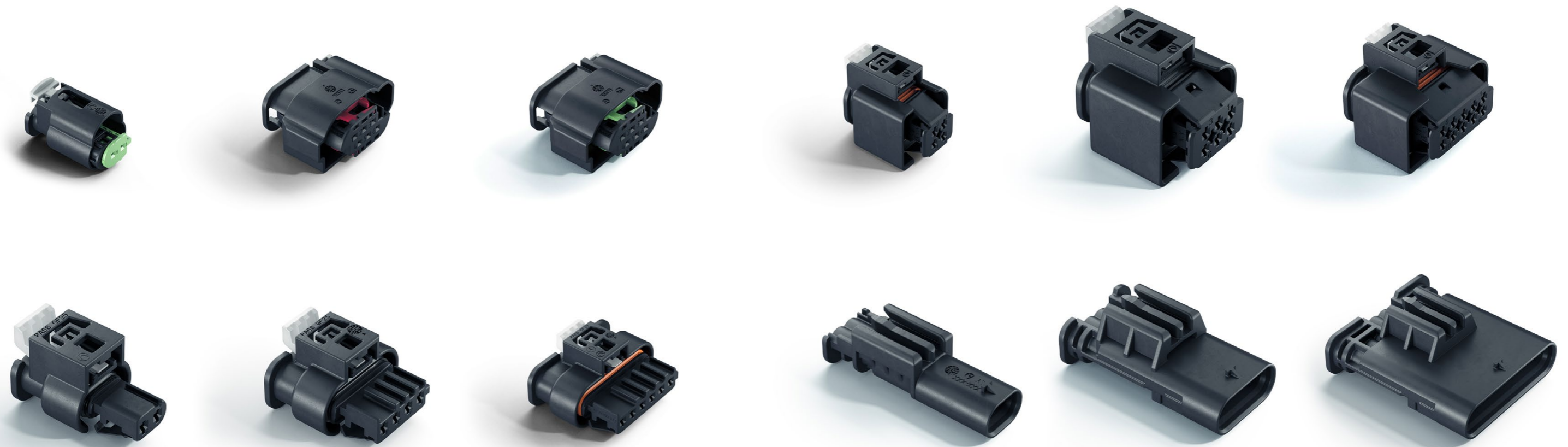
Moreover, we design customized solutions exactly according to customer requests. This is our core competence, which we pursue with passion! Together with our customers, we are shaping the sustainable mobility of tomorrow.



# SealStar Connector

## Introduction

Hirschmann Automotive designs the SealStar Family in close collaboration with renowned OEMs and their system manufacturers. The plug connector systems are compact, robust as well as watertight and stand out due to excellent performance characteristics. Besides the watertightness, according to LV214 & USCAR2, the products impress with their high temperature and vibration resistance.



# 0.63 SealStar F Connector

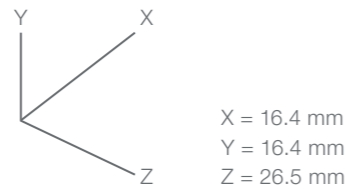
## Characteristics

The variable-designed housings withstand high thermal and dynamic loads. In addition, they combine the following benefits:

- » compliant with test specification LV214 / partially USCAR2
- » watertight according to IPx8/IPx9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product
- » compact design
- » primary and secondary locking

## 2way 0.63 SealStar F CPA

PRODUCT NO.	810-650-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-122
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	4,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-650-521	A	black	-
810-650-522	B	nature	-
810-650-523	C	blue	-

### Downloads

► SYSTEM DRAWING

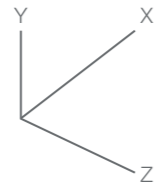
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended



## 2way 0.63 SealStar F

PRODUCT NO.	809-109-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)



X = 17.3 mm  
Y = 15.3 mm  
Z = 24.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	3.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: T3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-122
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	4,500 pcs
PACKAGING WEIGHT	14.3 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-109-541	A	black	-
809-109-542	B	grey	-
809-109-543	C	blue	-

### Downloads

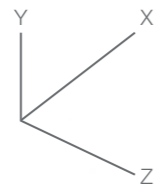
► SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 0.63 SealStar F CPA

PRODUCT NO.	810-651-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 15.4 mm  
Y = 23.5 mm  
Z = 26.8 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-123
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-651-521	A	black	-
810-651-522	B	nature	-
810-651-522	C	blue	-

### Downloads

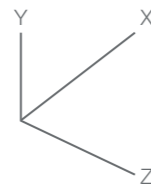
► SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 0.63 SealStar F

PRODUCT NO.	809-315-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)



X = 20.1 mm  
Y = 15.4 mm  
Z = 24.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	3.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: T3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-123
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	11.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-315-541	A	black	-
809-315-542	B	grey	-
809-315-543	C	blue	-
809-315-544	E	brown	-

### Downloads

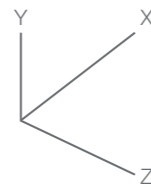
► SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 0.63 SealStar F CPA

PRODUCT NO.	810-652-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 15.4 mm  
Y = 26.6 mm  
Z = 26.8 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-124
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,800 pcs
PACKAGING WEIGHT	21.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-652-521	A	black	-
810-652-522	B	grey	-

### Downloads

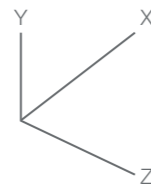
► SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 0.63 SealStar F

PRODUCT NO.	810-284-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)



X = 23.3 mm  
Y = 15.2 mm  
Z = 24.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	4.4 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-124
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,300 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-284-... <sup>3</sup>	A	black	-

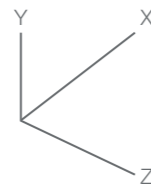
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 6way 0.63 SealStar F CPA

PRODUCT NO.	809-140-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 33.4 mm  
Y = 17.0 mm  
Z = 26.5 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-126
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,300 pcs
PACKAGING WEIGHT	15.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-140-... <sup>3</sup>	A	black	-

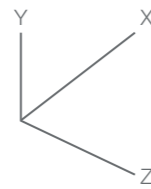
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 6way 0.63 SealStar F

PRODUCT NO.	809-140-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)



X = 30.7 mm  
Y = 17.0 mm  
Z = 24.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
	SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: T3/S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-126
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,300 pcs
PACKAGING WEIGHT	15.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

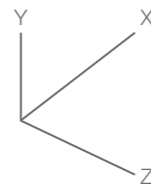
ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-140-541	A	black	-
809-140-542	B	grey	-
809-140-544	Z	water blue	-
809-140-545	A	black	cavity 2, 3, 6 closed

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 8way 0.63 SealStar F

PRODUCT NO.	810-658...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 31.6 mm  
Y = 20.7 mm  
Z = 24.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	TE 114-18063-126
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	12.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-658-... <sup>3</sup>	A	black	-

<sup>1</sup> Tested with the temperature collective from LV124

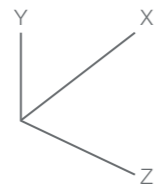
<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available



## 10way 0.63 SealStar F

PRODUCT NO.	812-726-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 32.0 mm  
Y = 24.0 mm  
Z = 28.7 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-318-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
812-726-... <sup>3</sup>	A	black	-

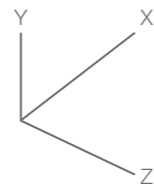
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 12way 0.63 SealStar F

PRODUCT NO.	810-659-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 44.0 mm  
Y = 20.7 mm  
Z = 27.6 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MQS 0.63: C-929454 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### PACKAGING FEATURES

PACKAGING TYPE	bulk material
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### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-659-... <sup>3</sup>	A	black	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 1.2 SealStar F Connector

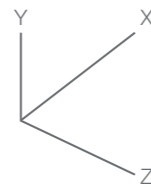
### Characteristics

The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » compliant with test specification LV214 & USCAR2
- » watertight according to IPx8/IPx9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product
- » locking element either right or left of the protective shroud possible
- » designed in accordance with VDA guidelines
- » primary and secondary locking
- » different female versions available (flipped key coding/ protective shroud: flashed over cavities)

## 2way 1.2 SealStar F CPA

PRODUCT NO.	805-120-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 15.8 mm  
Y = 16.5 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-555-... / 809-604-... Protective Cap: 707-130-501 (180°) / 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: T3/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	13.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-120-581	A	standard	black	backlash reduction
805-120-582	B	standard	nature	backlash reduction
805-120-584	D	standard	violet claret	backlash reduction
805-120-527	A	flipped protective shroud	curry	-
805-120-528	B	flipped protective shroud	nature	backlash reduction

### Downloads

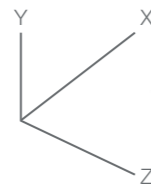
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 2way 1.2 SealStar F

PRODUCT NO.	872-857-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 15.8 mm  
Y = 14.8 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-555-... / 809-604-... Protective Cap: 707-130-501 (180°) / 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: T3/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	12.3 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-857-561	A	standard	black	-
872-857-562	B	standard	nature	-
872-857-563	C	standard	blue	-
872-857-565	A	flipped protective shroud	curry	-
872-857-566	B	flipped protective shroud	ivory	-

### Downloads

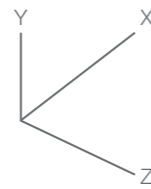
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 1.2 SealStar F CPA

PRODUCT NO.	805-121-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 19.8 mm  
Y = 16.5 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	3.2 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-556-... Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: T4/V4/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-003-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	4,000 pcs
PACKAGING WEIGHT	13.5 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-121-581	A	standard	black	backlash reduction
805-121-582	B	standard	nature	backlash reduction
805-121-583	C	standard	blue	backlash reduction
805-121-525	Z	standard	waterblue	-
805-121-526	A	flipped protective shroud	curry	-

### Downloads

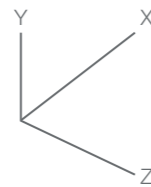
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 1.2 SealStar F

PRODUCT NO.	872-858-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 19.8 mm  
Y = 15.0 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-556-... Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: T3/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-003-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	15.3 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-858-541	A	standard	black	-
872-858-542	B	standard	nature	-
872-858-546	A	flipped protective shroud	curry	-

### Downloads

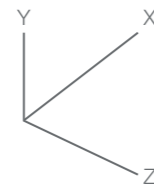
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 1.2 SealStar F CPA

PRODUCT NO.	805-122-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 24.9 mm  
Y = 17.7 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-557-... Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: T2/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,000 pcs
PACKAGING WEIGHT	14.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-122-551	A	standard	black	backlash reduction
805-122-552	B	standard	nature	backlash reduction
805-122-553	C	flipped protective shroud	curry	backlash reduction
805-122-550	A	standard	black	no CPA

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

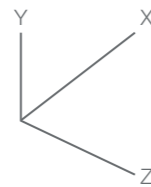
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended



## 4way 1.2 SealStar F

PRODUCT NO.	872-859-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 24.9 mm  
Y = 16.2 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-557-... Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG3 USCAR2: T2/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,000 pcs
PACKAGING WEIGHT	13.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-859-541	A	standard	black	-
872-859-542	B	standard	nature	-

### Downloads

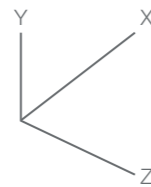
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 1.2 SealStar F CPA

PRODUCT NO.	807-550-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100087-00
PROCESS SPECIFICATION	EVS-100089-00



X = 20.0 mm  
Y = 24.0 mm  
Z = 27.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.1 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: SG4 USCAR2: T2/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-170-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	11.0 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-550-521	A	just standard possible	black	-

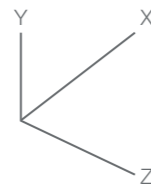
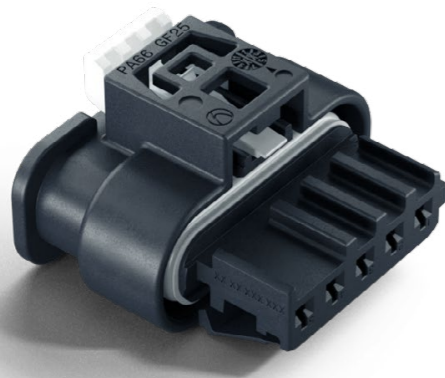
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>2</sup> Protective cap recommended

## 5way 1.2 SealStar F CPA

PRODUCT NO.	805-123-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 28.9 mm  
Y = 17.7 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.7 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-974-... Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG3 USCAR2: T2/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	12.5 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-123-551	A	standard	black	backlash reduction
805-123-552	B	standard	nature	backlash reduction

### Downloads

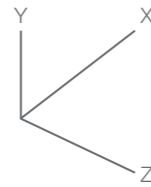
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 5way 1.2 SealStar F

PRODUCT NO.	872-860-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 28.9 mm  
Y = 16.2 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-974-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: T2/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	13.3 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-860-541	A	standard	black	-
872-860-546	A	flipped protective shroud	black	-

### Downloads

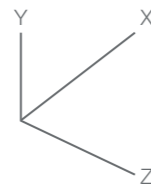
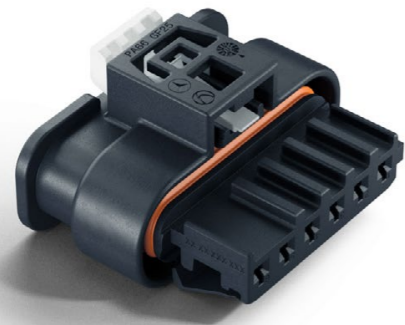
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 6way 1.2 SealStar F CPA

PRODUCT NO.	805-124-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 32.9 mm  
Y = 17.7 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.2 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-614-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: T3/V2/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-124-561	A	standard	black	-

### Downloads

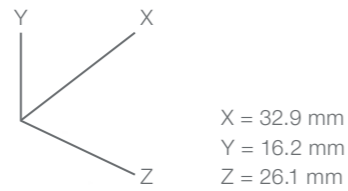
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 6way 1.2 SealStar F

PRODUCT NO.	872-861-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.8 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-614-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: T2/V2/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	12.4 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-861-561	A	standard	black	-
872-861-562	B	standard	nature	-

### Downloads

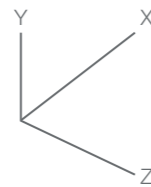
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 6way 1.2 SealStar F CPA

PRODUCT NO.	807-551-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100087-00
PROCESS SPECIFICATION	EVS-100089-00



X = 24.0 mm  
Y = 24.0 mm  
Z = 27.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-170-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-551-581	A	just standard possible	black	-
807-551-582	B	just standard possible	black	-

### Downloads

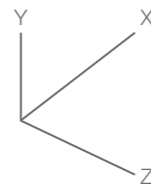
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 8way 1.2 SealStar F CPA

PRODUCT NO.	805-125-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 40.9 mm  
Y = 17.7 mm  
Z = 27.4 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.8 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-560-... / 809-799-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	16.4 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-125-... <sup>3</sup>	A	standard	black	-
805-125-... <sup>3</sup>	A	standard	black	long shroud, no CPA

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION

<sup>1</sup> Tested with the temperature collective from LV124

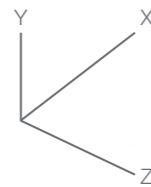
<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available



## 8way 1.2 SealStar F

PRODUCT NO.	872-862-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 40.9 mm  
Y = 16.2 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-560-... / 809-799-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	15.3 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-862-521	A	standard	black	-

### Downloads

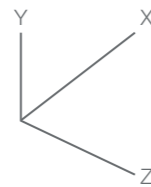
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 8way 1.2 SealStar F CPA

PRODUCT NO.	805-031-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 28.0 mm  
Y = 21.7 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	PinHeader: 955-004-... / 955-007-... / 955-070-... / 955-048-... / 807-520-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-031-581	A	standard	black	-
805-031-552	B	standard	nature	-
805-031-541	A	standard	black	no CPA
805-031-542	B	standard	nature	no CPA
805-031-556	A	flipped protective shroud	curry	-
805-031-585	A	standard	black	cavity 2, 5, 6 closed

### Downloads

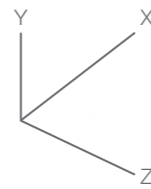
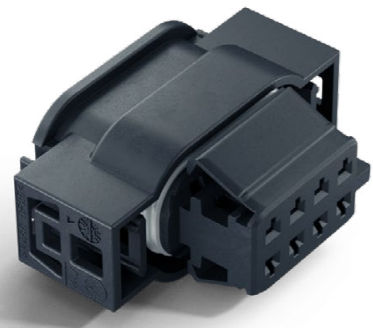
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 8way 1.2 SealStar F

PRODUCT NO.	805-031-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 16.9 mm  
Y = 37.6 mm  
Z = 26.1 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA (2x lateral latching)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-031-531	A	standard	black	2x lateral latches

### Downloads

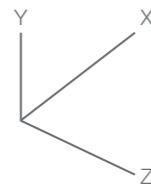
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 10way 1.2 SealStar F CPA

PRODUCT NO.	807-602-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100087-00
PROCESS SPECIFICATION	EVS-100089-00



X = 32.0 mm  
Y = 24.0 mm  
Z = 27.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	PinHeader: 807-581... <sup>3</sup>
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-170-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-602-511	A	just standard possible	black	-

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

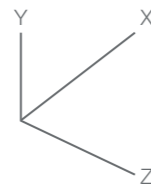
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 12way 1.2 SealStar F CPA

PRODUCT NO.	806-344-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 36.1 mm  
Y = 21.7 mm  
Z = 26.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	PinHeader: 809-391-... <sup>3</sup> / 905-803-... / 906--836-... / 812-640-... / 707-099-... / 810-076-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: T2/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-012-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	9.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-344-541	A	standard	black	-
806-344-542	B	standard	nature	-

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

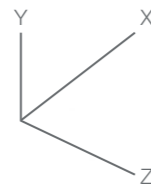
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 12way 1.2 SealStar F

PRODUCT NO.	806-360-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100061-01



X = 36.6 mm  
Y = 16.0 mm  
Z = 28.7 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.00 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.1 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2-Sm: DOC 00072546 Kostal MLK 1.2-S: DOC00079128 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	TE Connectivity Product No. 1-1452424-2 1-1452424-1

*No distribution via Hirschmann Automotive. Please contact supplier directly.*

*No distribution via Hirschmann Automotive. Please contact supplier directly.*

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: S2 IP-Code: IPx8
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-124-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-360-521	A	standard	black	black protective shroud cavity 12 closed 2x lateral latches
806-360-522	A	standard	black	grey protective shroud 11, 12 closed 2x lateral latches
806-360-506	A	standard	black	waterblue protective shroud 2x lateral latches

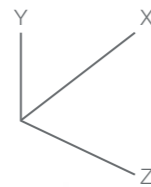
### Downloads

- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

## 16way 1.2 SealStar F CPA

PRODUCT NO.	805-587-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



X = 44.0 mm  
Y = 21.7 mm  
Z = 27.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-588-... / 807-446-... PinHeader: 809-950-... / 807-536-501 / 810-485-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: T2/V3/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-016-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.2 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-587-551	A	standard	black	-
805-587-542	B	standard	black	-
805-587-545	A	flipped protective shroud	black	-

### Downloads

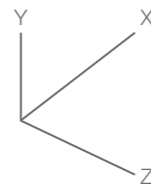
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 24way 1.2 SealStar F

PRODUCT NO.	805-551-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 59.6 mm  
Y = 23.3 mm  
Z = 27.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	24way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 8.1 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	25.63 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	PinHeader: 806-732-... <sup>3</sup>
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-052-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	500 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-551-...	A	-	black	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available





## 1.2 SealStar M Connector

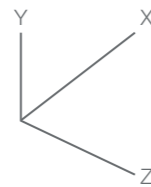
### Characteristics

The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » compliant with test specification LV214 & TLF0214 & USCAR2
- » watertight according to IPx8/IPx9K
- » single-wire sealing
- » completely pre-assembled product
- » either US-Clip or with EU-Clip available
- » primary and secondary locking
- » different male versions available (with or without clipslot/EU-Clip and US-Clip)

## 2way 1.2 SealStar M GEN2

PRODUCT NO.	809-555-... 809-604-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100121-00
PROCESS SPECIFICATION	EVS-100121-00



X = 14.8 mm  
Y = 14.0 mm  
Z = 44.2 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	3.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-120-... / 872-857-... / 806-026-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-555-521	A	black	EU-Clip
809-555-522	B	black	EU-Clip
809-555-526	A	black	without joining element (no Clip)
809-555-523	B	grey	US-Clip
809-555-524	B	grey	US-Clip

### Downloads

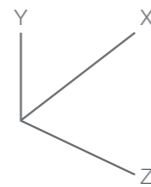
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 1.2 SealStar M GEN2

PRODUCT NO.	809-556-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100121-00
PROCESS SPECIFICATION	EVS-100121-00



X = 18.8 mm  
Y = 16.8 mm  
Z = 44.2 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-121-... / 872-858-... / 806-881-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-003-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,200 pcs
PACKAGING WEIGHT	10.2 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-556-521	A	black	EU-Clip

### Downloads

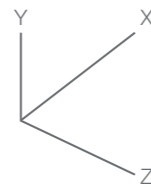
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 1.2 SealStar M GEN2

PRODUCT NO.	809-557-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100121-00
PROCESS SPECIFICATION	EVS-100121-00



X = 24.4 mm  
Y = 18.1 mm  
Z = 44.2 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.8 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-122-... / 872-859-... / 806-880-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,700 pcs
PACKAGING WEIGHT	8.9 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-557-541	A	black	EU-Clip
809-557-542	B	black	EU-Clip
809-557-543	C	black	EU-Clip

### Downloads

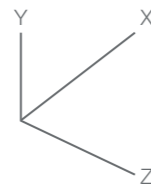
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 5way 1.2 SealStar M

PRODUCT NO.	806-974-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100014-00



X = 30.5 mm  
Y = 22.3 mm  
Z = 50.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	12.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-860-... / 805-123-... / 805-992-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-974-511	A	black	EU-Clip
806-974-512	B	black	EU-Clip

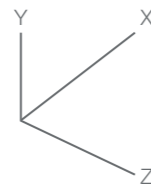
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>2</sup> Protective cap recommended

## 6way 1.2 SealStar M

PRODUCT NO.	806-614-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100014-00



X = 34.5 mm  
Y = 22.3 mm  
Z = 50.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	13.1 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-861-... / 805-124-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-614-521	A	black	EU-Clip

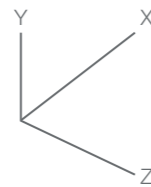
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>2</sup> Protective cap recommended

## 8way 1.2 SealStar M GEN2

PRODUCT NO.	809-560-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100121-00
PROCESS SPECIFICATION	EPS-100121-00



X = 40.2 mm  
Y = 18.2 mm  
Z = 44.2 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-125-... / 872-862-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-560-521	A	black	EU-Clip
809-560-522	B	black	EU-Clip

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

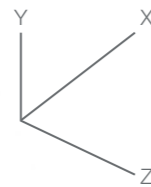
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 12way 1.2 SealStar M

PRODUCT NO.	807-378-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011-00 (n/a)
PROCESS SPECIFICATION	EVS-100010-00 (n/a)



X = 35.4 mm  
Y = 18.8 mm  
Z = 47.6 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	14.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 807-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	USCAR2: T3/V2/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	15.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-378-... <sup>3</sup>	A	black	US-Clip

### Downloads

▶ INTERFACE DRAWING

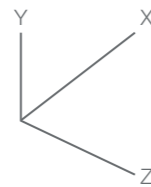
<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available



## 16way 1.2 SealStar M

PRODUCT NO.	805-588-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100014-00



X = 40.2 mm  
Y = 18.2 mm  
Z = 44.2 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	15.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG2 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-016-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	16.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

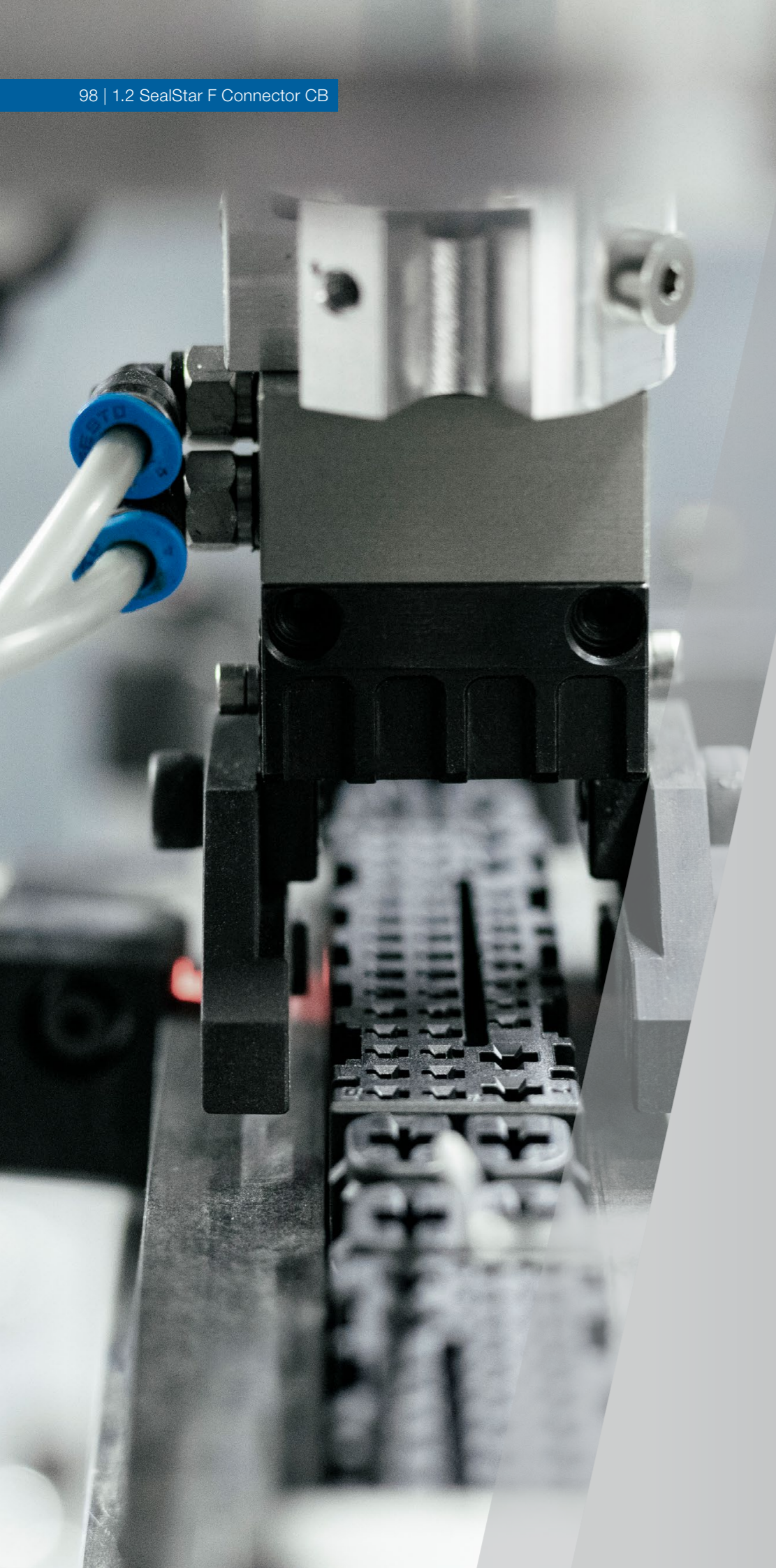
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-588-571	A	black	EU-Clip

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended



## 1.2 SealStar F Connector CB

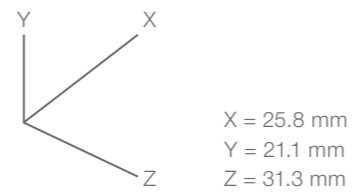
### Characteristics

The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » compliant with test specification LV214
- » watertight according to IPx8/IPx9K
- » completely pre-assembled product
- » easy to close individual pins without blind plugs due to innovative product design
- » compact design due to matt seal
- » matt seal and robust radial sealing

## 8way 1.2 SealStar F CB CPA

PRODUCT NO.	809-173-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100107 (n/a)
PROCESS SPECIFICATION	EVS-100107 (n/a)



### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	2.5 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Clean Body (CB)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity 1.2 MCON CB: C-1534326 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Molex: 985751010 TE Connectivity: 1-1452424-3 Kostal Nr: 10200610940; 10122757
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	DOC01390875
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	12.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-173-... <sup>3</sup>	Z	waterblue	-

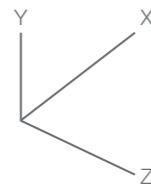
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 12way 1.2 SealStar F CB CPA

PRODUCT NO.	809-174-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100107 (n/a)
PROCESS SPECIFICATION	EVS-100107 (n/a)



X = 30.8 mm  
Y = 21.2 mm  
Z = 31.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	2.5 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Clean Body (CB)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity 1.2 MCON CB: C-1534326 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Molex: 985751010 TE Connectivity: 1-1452424-3 Kostal Nr: 10200610940; 10122757
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	-
USCAR PLUG SOCKET INTERFACE DRAWING	-

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-174-... <sup>3</sup>	A	black	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 2.8 SealStar F Connector

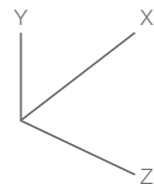
### Characteristics

The 2.8 SealStar is robust and combines the following positive features:

- » compliant with test specification LV214
- » watertight according to IPx8/IPx9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product
- » locking element either right or left of the protective shroud possible
- » primary and secondary locking
- » compatible for 2.8 MCP, CTS and MAK contact systems

## 2way 2.8 SealStar F CPA

PRODUCT NO.	807-872-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00



X = 22.5 mm  
Y = 21.4 mm  
Z = 31.7 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,800 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-872-511	A	black	-
807-872-512	B	nature	-
807-872-513	C	blue	-

### Downloads

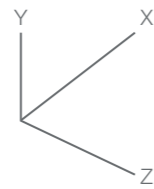
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 2.8 SealStar F CPA

PRODUCT NO.	807-873-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00



X = 27.5 mm  
Y = 21.4 mm  
Z = 31.7 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,800 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-873-511	A	black	-
807-873-512	B	nature	-

### Downloads

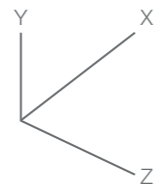
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 2.8 SealStar F CPA

PRODUCT NO.	807-874-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00



X = 32.5 mm  
Y = 21.4 mm  
Z = 31.7 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	9.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-874-511	A	black	-
807-874-512	B	nature	-

### Downloads

- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

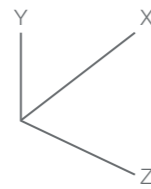
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended



## 5way 2.8 SealStar F CPA

PRODUCT NO.	807-875-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00



X = 37.5 mm  
Y = 21.4 mm  
Z = 31.7 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-875-511	A	black	-

### Downloads

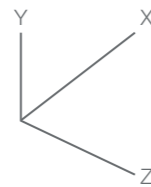
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 8way 2.8 SealStar F CPA

PRODUCT NO.	807-871-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00



X = 35.1 mm  
Y = 26.8 mm  
Z = 31.65 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	9.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-008-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-871-521	A	black	-
807-871-522	B	nature	-

### Downloads

- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended



## 2.8 SealStar F Connector SLK

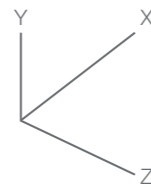
### Characteristics

During development we collaborated with renowned OEMs and their system manufacturers. This resulted in products with numerous benefits:

- » compliant with test specification LV214
- » watertight according to IPx8/IPx9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » completely pre-assembled product
- » locking element either right or left of the protective shroud possible
- » primary and secondary locking

## 2way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-198-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00



X = 22.5 mm  
Y = 21.1 mm  
Z = 29.6 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Kostal SLK 2.8: DOC00043218 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
	SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	11.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-198-521	A	black	-
805-198-522	B	nature	-
805-198-523	C	blue	-
805-198-526	C	blue	cavity 2 closed
805-198-527	C	blue	no CPA, cavity 2 closed
805-198-528	B	nature	no CPA

### Downloads

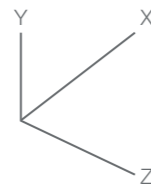
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-199-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00



X = 27.5 mm  
Y = 21.1 mm  
Z = 29.6 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Kostal SLK 2.8: DOC00043218 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	10.4 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-199-521	A	black	-

### Downloads

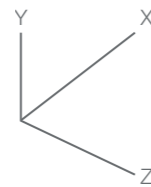
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-200-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00



X = 32.5 mm  
Y = 21.1 mm  
Z = 29.6 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	10.4 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-200-521	A	black	-
805-200-531	A	black	no CPA

### Downloads

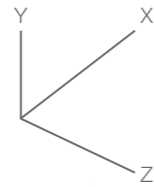
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 2.8 SealStar F SLK

PRODUCT NO.	805-219-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100015-00



X = 28.9 mm  
Y = 16.2 mm  
Z = 29.5 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Kostal SLK 2.8: DOC00043218 (drawing) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-030-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	13.2 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-219-521	A	black	lowered protective shroud no CPA
805-219-522	B	nature	lowered protective shroud no CPA

### Downloads

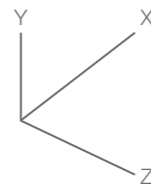
▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 5way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-260-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00



X = 37.5 mm  
Y = 21.1 mm  
Z = 29.6 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.8 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Kostal SLK 2.8: DOC00043218 (drawing) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-260-541	A	black	no CPA

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

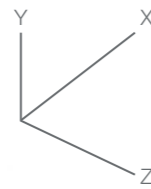
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended



## 8way 2.8 SealStar F SLK

PRODUCT NO.	872-585-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100024-00
PROCESS SPECIFICATION	EVS-100009-00



X = 35.1 mm  
Y = 25.7 mm  
Z = 28.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-586-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Kostal SLK 2.8: DOC00043218 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
	SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG4 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-008-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	12.4 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-585-521	A	black	-

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

A close-up photograph of a 2.8 SealStar M Connector SLK. The connector is a dark grey plastic housing with a row of pins on top. It is mounted on a metal bracket. The background is blurred, showing a factory or workshop setting with various equipment and lights.

## 2.8 SealStar M Connector SLK

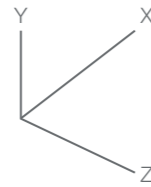
### Characteristics

Lightweight construction is closely linked with efficiency – and our SealStar housings also combine both features. The connectors are compact and convince with their resistance to external influences.

- » compliant with test specification LV214
- » watertight according to IPx8/IPx9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product
- » primary and secondary locking

## 8way 2.8 SealStar M SLK

PRODUCT NO.	872-586-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100028 (n/a)
PROCESS SPECIFICATION	EVS-100004 (n/a)



X = 32.3 mm  
Y = 26.3 mm  
Z = 49.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	12.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-585-...
COMPATIBLE TERMINAL SYSTEM	Kostal SLK 2.8: 1 99 00 49907 1
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
	SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG3 USCAR2: S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-008-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-586-541	A	black	-
872-586-551	A	black	locator element 180° twisted (Clip)

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

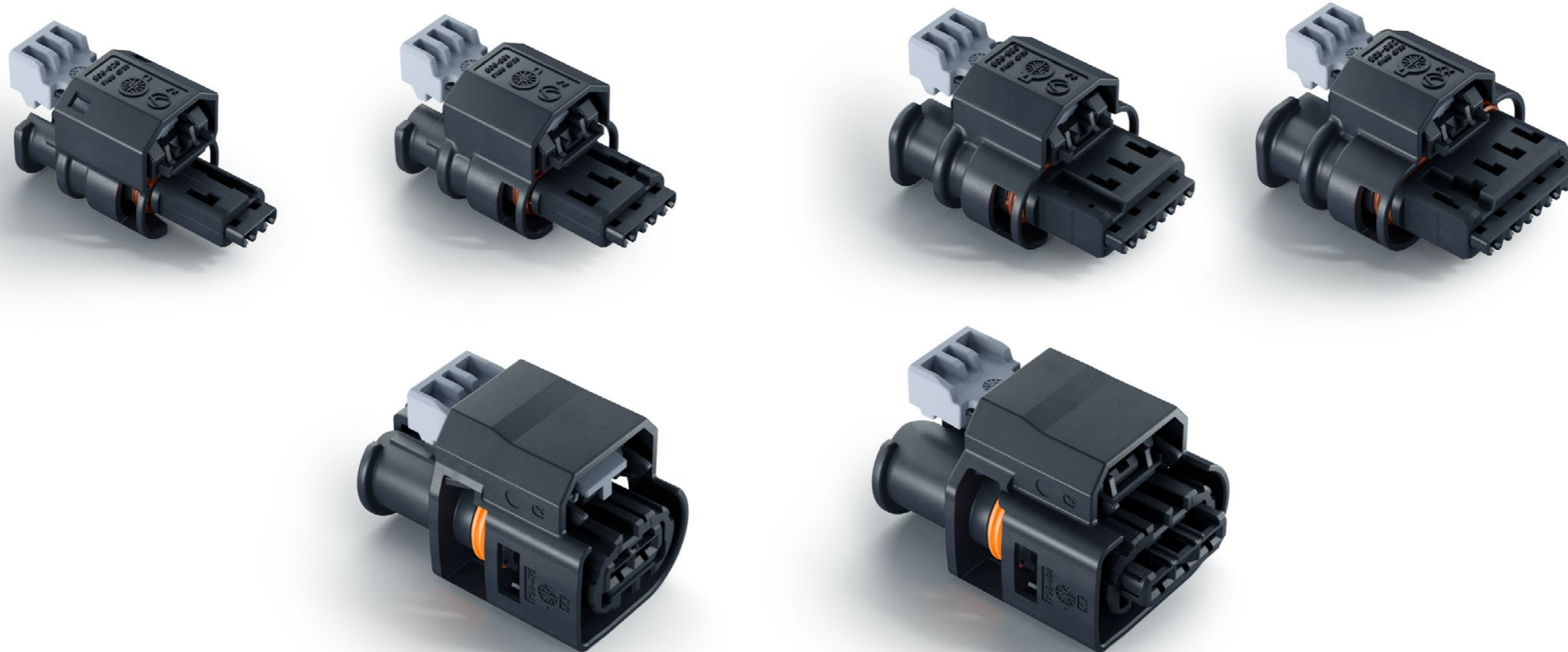
# SealStar HMK Connector

## Introduction

The SealStar HMK product range shows all its strengths when everything vibrates in the engine compartment.

Our patented SealStar HMK product range offers various high-quality features. It impresses, for example, with maximum vibration resistance and tightness. On top of that, the high-performance engine contact systems function reliably even at extreme temperatures.

The products are offered with an AK receptacle and can be customized automatically. Thanks to the patented insertion process, the effort in the manual assemblage is small, while the normal contact force is reliable and high.



# 1.2 SealStar F Connector HMK

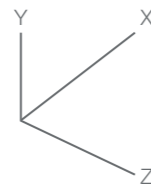
## Characteristics

The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » compliant with test specification LV214
- » watertight according to IPx8/IPx9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Position Assurance)
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product
- » maximum vibration resistance thanks to a high level of contact normal force (highest verified profile: SG6 up to max. 80 g)
- » compatible with existing plug socket interface AK 1.2 interface 872-975...00
- » patented Hirschmann Automotive solution (two-step plug-in process)
- » primary and secondary locking
- » compatible with existing AK 1.2 interface (872-975-...AK)

## 2way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-026-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00



X = 15.6 mm  
Y = 18.8 mm  
Z = 36.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	3.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-555-... / 809-604-... Protective Cap: 707-130-501 (180°) / 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-..00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity Kostal: SWS is given on Hirschmann Automotive terminal drawing

*No distribution via Hirschmann Automotive.  
Please contact supplier directly.*

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG6 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	8.4 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-026-541	A	black	-
806-026-542	B	nature	-

### Downloads

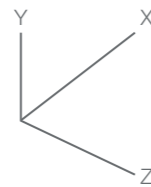
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 3way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-881-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00



X = 19.6 mm  
Y = 18.8 mm  
Z = 36.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	4.7 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-556-... Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-...00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity Kostal: SWS is given on Hirschmann Automotive terminal drawing

*No distribution via Hirschmann Automotive.  
Please contact supplier directly.*

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG6 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	8.0 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-881-541	A	black	-

### Downloads

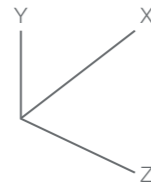
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-880-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00



X = 24.9 mm  
Y = 19.9 mm  
Z = 36.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 85 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	4.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-557-... Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-...00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity Kostal: SWS is given on Hirschmann Automotive terminal drawing

*No distribution via Hirschmann Automotive.  
Please contact supplier directly.*

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG6 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 120 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-880-541	A	black	-

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

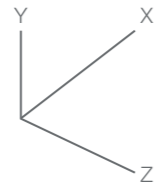
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended



## 5way 1.2 SealStar F HMK CPA

PRODUCT NO.	805-992-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00



X = 28.9 mm  
Y = 19.9 mm  
Z = 36.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 85 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	7.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-974-... Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-..00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity Kostal: SWS is given on Hirschmann Automotive terminal drawing

*No distribution via Hirschmann Automotive.  
Please contact supplier directly.*

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG6 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.2 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-992-541	A	black	-

### Downloads

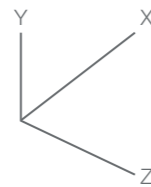
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 6way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-524-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00



X = 32.9 mm  
Y = 19.9 mm  
Z = 36.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 105 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	8.1 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-614-...
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-...00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity Kostal: SWS is given on Hirschmann Automotive terminal drawing

*No distribution via Hirschmann Automotive.  
Please contact supplier directly.*

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG6 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-975-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-524-... <sup>3</sup>	A	black	-

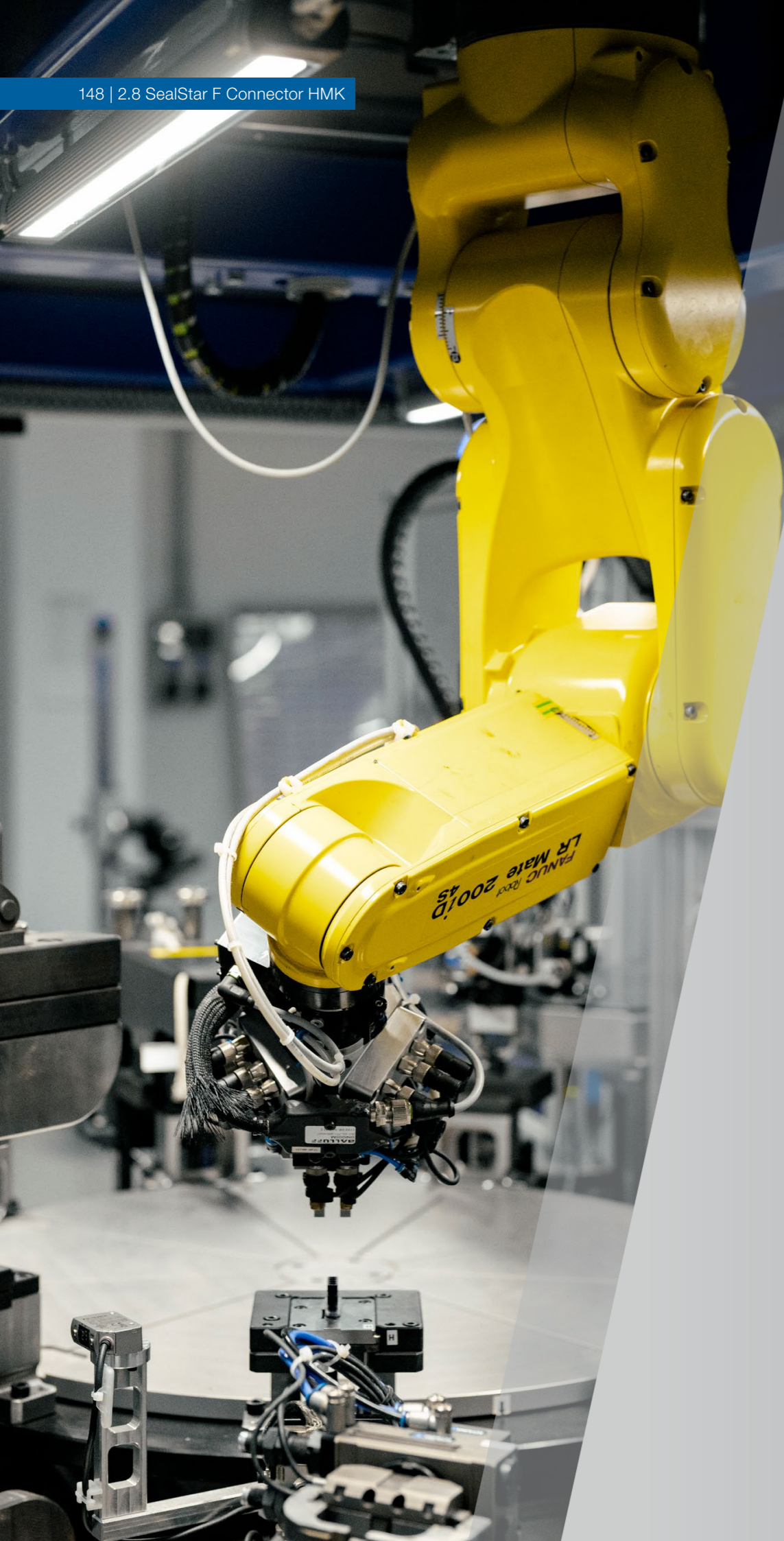
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available



## 2.8 SealStar F Connector HMK

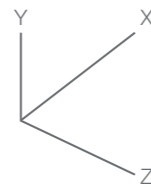
### Characteristics

The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » compliant with test specification LV214
- » watertight according to IPx8/IPx9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Position Assurance)
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product
- » maximum vibration resistance thanks to a high level of contact normal force (highest verified profile: SG6 up to max. 80 g)
- » compatible with existing plug socket interface AK 2.8 interface 808-169...00
- » patented Hirschmann Automotive solution (two-step plug-in process)
- » primary and secondary locking
- » compatible with existing AK 2.8 interface (808-828-...AK)

## 2way 2.8 SealStar F HMK CPA

PRODUCT NO.	807-827-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100102 (n/a)
PROCESS SPECIFICATION	EVS-100102 (n/a)



X = 23.0 mm  
Y = 24.9 mm  
Z = 40.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	9.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 2.8: 709-939-... (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity Kostal: SWS is given on Hirschmann Automotive terminal drawing

*No distribution via Hirschmann Automotive.  
Please contact supplier directly.*

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG6 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-827-... <sup>3</sup>	A	black	-
807-827-... <sup>3</sup>	B	nature	-

### Downloads

► INTERFACE DRAWING

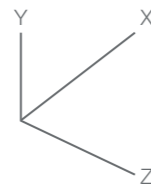
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 3way 2.8 SealStar F HMK CPA

PRODUCT NO.	807-828-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100102 (n/a)
PROCESS SPECIFICATION	EVS-100102 (n/a)



X = 28.0 mm  
Y = 24.9 mm  
Z = 40.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 2.8: 709-939-... (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Kostal: SWS is given on Hirschmann Automotive terminal drawing

No distribution via Hirschmann Automotive.  
Please contact supplier directly.

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG6 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-169-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.8
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-828-... <sup>3</sup>	A	black	-
807-828-... <sup>3</sup>	B	nature	-

### Downloads

► INTERFACE DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

# SealStar Hybrid Connector

## Introduction

Our Hybrid Connectors are designed for versatility. It supports multiple blade sizes within one connector and combines innovation with reliability.

The development of our SealStar housings has laid the foundation for a compact, robust and watertight generation of connectors, without compromising on performance.

Renowned OEMs and their system manufacturers were involved in the development process. The innovative design of the housings makes them compatible for the use with a range of different contacts.





# SealStar Hybrid Connector

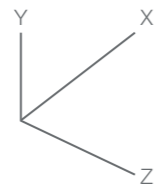
## Characteristics

The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » single-wire sealing and robust radial sealing
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product
- » primary and secondary locking
- » additional characteristics are product-specific, check the individual connector description or contact our Product Management

## 5way SealStar Hybrid F Connector

PRODUCT NO.	872-652-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 43.4 mm  
Y = 17.7 mm  
Z = 29.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	3+2way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	10.1 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: T <sub>max(150° C)</sub> = 3,000 h USCAR2: S2 IP-Code: IP6K9K
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-013-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	10.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

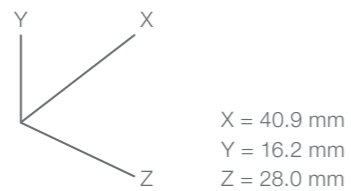
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-652-... <sup>3</sup>	A	black	-

<sup>3</sup> On request: OEM restricted; samples available



## 7way SealStar Hybrid F Connector

PRODUCT NO.	872-689-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	3+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.2 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-242-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	16.3 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-689-... <sup>3</sup>	Z	water blue	-

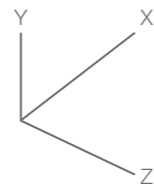
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 7way SealStar Hybrid F Connector CPA

PRODUCT NO.	809-199-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 40.9 mm  
Y = 17.7 mm  
Z = 28.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	3+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.2 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-014-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	11.5 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-199-... <sup>3</sup>	Z	water blue	-

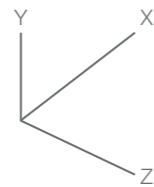
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 10way SealStar Hybrid F Connector

PRODUCT NO.	807-287-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 44.4 mm  
Y = 21.5 mm  
Z = 29.5 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	6+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows, 1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	12.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-174-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

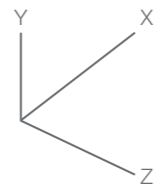
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-287-... <sup>3</sup>	A	black	-

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 16way SealStar Hybrid F Connector

PRODUCT NO.	809-129-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 50.5 mm  
Y = 30.1 mm  
Z = 29.5 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	14+2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm, n/a
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	21.8 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: T <sub>max(150° C)</sub> = 3,000 h/SG4 USCAR2: T4/V2/S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-201-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	500 pcs
PACKAGING WEIGHT	11.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

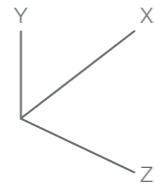
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-129-... <sup>3</sup>	A	black	-

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 18way SealStar Hybrid F Connector

PRODUCT NO.	812-400-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 73.9 mm  
Y = 30.4 mm  
Z = 44.2 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	14+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 6.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 50 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	34.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 812-401-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-307-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	300 pcs
PACKAGING WEIGHT	11.1 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
812-400-... <sup>3</sup>	A	black	-

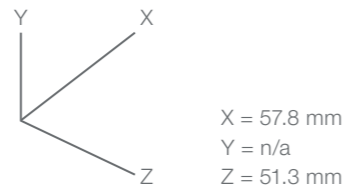
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 18way SealStar Hybrid M Connector

PRODUCT NO.	812-401-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	14+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 6.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 50 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	27.5 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 812-400-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing) TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-307-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	400 pcs
PACKAGING WEIGHT	11.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
812-401-... <sup>3</sup>	A	black	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 46way SealStar Hybrid F Connector + Protective Cap

PRODUCT NO.	806-554-...	806-555-...
TYPE OF PRODUCT	housing for female terminal (F)	
PRODUCT SPECIFICATION	n/a	
PROCESS SPECIFICATION	n/a	



### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm, 6.3 mm/4.8 mm	
NUMBER OF PINS	38+4+4way	
CENTERLINE OF TERMINALS (Pitch)	3.8, 6.0, 8.5 mm	
WIRE SIZE RANGE	max. 0.75, max. 2.5, max. 6.0 mm <sup>2</sup>	
SEALED APPLICATION	sealed	
CODING OF PRODUCT	available	
MAX. MATING AND UNMATING FORCE	≤ 100 N	
VOLTAGE CLASS	≤ 60 V	
NUMBER OF TERMINAL ROWS	3 rows, 2 rows, 3 rows	
CPA (Connector Position Assurance)	without CPA	
TPA (Terminal Position Assurance/Secondary Lock)	with TPA	
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)	
CONTACT CARRIER MATERIAL	PA6 GF30	
WEIGHT OF CONNECTOR (Delivery Condition)	50.16 g	29.32 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) TE Connectivity MCP 2.8: C-1355036 (drawing) TE Connectivity MCP 6.3/4.8: C-1241438 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Ø 8.48 mm connector cavity SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG2 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	n/a
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	200 pcs
PACKAGING WEIGHT	10.6 kg
PACKAGING TYPE	items packed

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-554-... <sup>3</sup>	A	black	-
806-555-... <sup>3</sup>	A	black	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

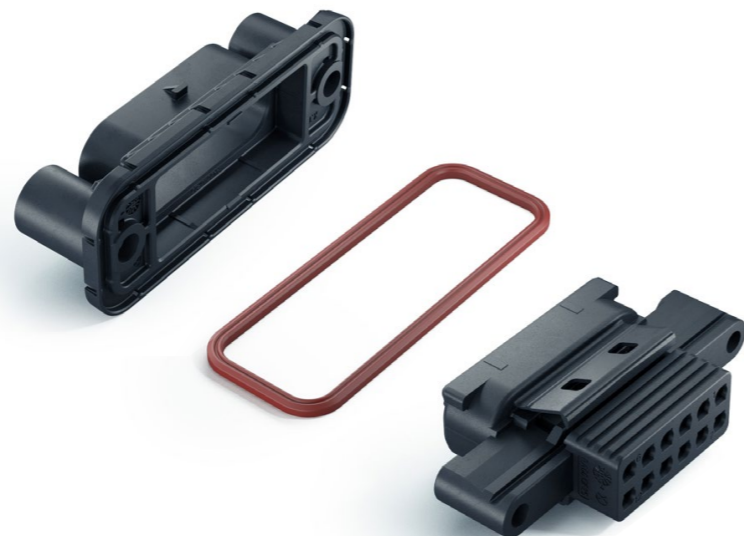
<sup>3</sup> On request: OEM restricted; samples available

# PinHeader

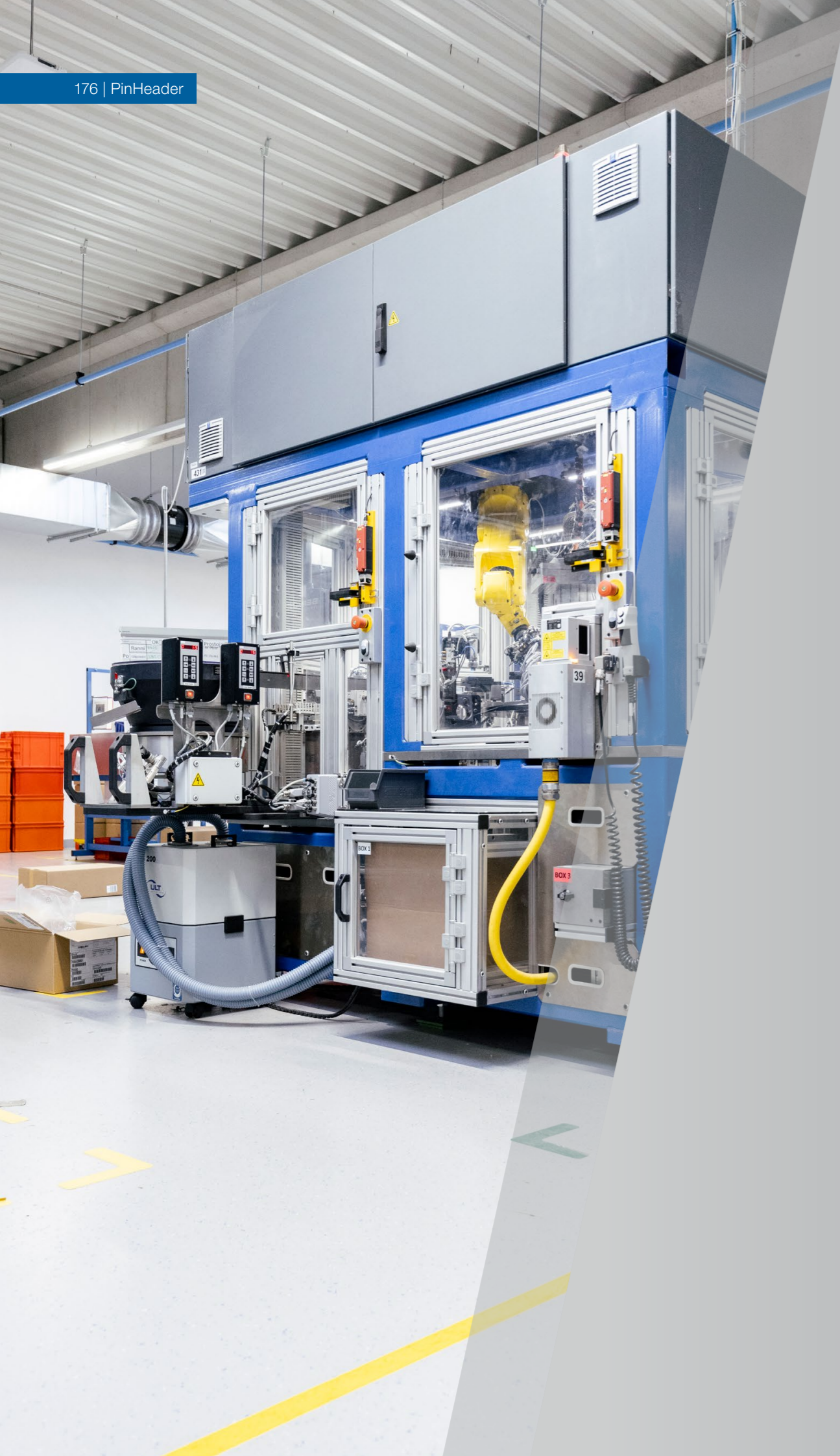
## Introduction

The PinHeaders have a variety of positive features. They withstand extreme conditions. The development of our SealStar PinHeader has laid the foundation for a compact, robust and watertight generation of PinHeaders, without compromising on performance.

The PinHeaders were designed in collaboration with renowned OEMs and their system manufacturers.







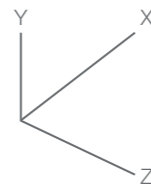
# PinHeader

## Characteristics

- » watertight according to IPx8/IPx9K
- » standard interface interchangeable with multiple female housing suppliers
- » various variants available:
  - » with Pressfit, Terminals, and or stamping grid
  - » with Flange screw connection form inside or/and outside

## 8way 1.2 PinHeader 90

PRODUCT NO.	955-004-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 32.0 mm  
Y = 26.0 mm  
Z = 28.8 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	7.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) n/a

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING 808-015-...00  
USCAR PLUG SOCKET INTERFACE DRAWING 120-S-008-2-Z01

### PACKAGING FEATURES

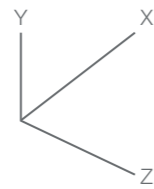
PACKAGING SIZE 400 x 300 x 200 mm  
PACKAGING QUANTITY 240 pcs  
PACKAGING WEIGHT 2.1 kg  
PACKAGING TYPE blister trays

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-004-001	A	black	-

## 8way 1.2 PinHeader 180

PRODUCT NO.	955-007-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 32.0 mm  
Y = 26.0 mm  
Z = 30.5 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	7.1 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) n/a

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

### PACKAGING FEATURES

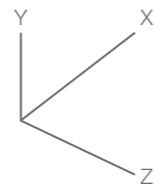
PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	240 pcs
PACKAGING WEIGHT	2.0 kg
PACKAGING TYPE	blister trays

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-007-001	A	black	-

## 8way 1.2 PinHeader 180

PRODUCT NO.	955-070-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 32.6 mm  
Y = 26.5 mm  
Z = 37.4 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	8.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) IP-Code: IPx9K<sup>2</sup>

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING 808-015-...00  
USCAR PLUG SOCKET INTERFACE DRAWING 120-S-008-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	120 pcs
PACKAGING WEIGHT	3.7 kg
PACKAGING TYPE	blister trays

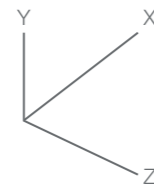
### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-070-011	A	black	-

<sup>2</sup> Protective cap recommended

## 8way 1.2 PinHeader 90

PRODUCT NO.	955-048-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 32.6 mm  
Y = 26.5 mm  
Z = 38.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBEL TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	8.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) IP-Code: IPx9K<sup>2</sup>

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING 808-015-...00  
USCAR PLUG SOCKET INTERFACE DRAWING 120-S-008-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE 400 x 300 x 200 mm  
PACKAGING QUANTITY 120 pcs  
PACKAGING WEIGHT 3.7 kg  
PACKAGING TYPE blister trays

### ORDER/PRODUCT NO.

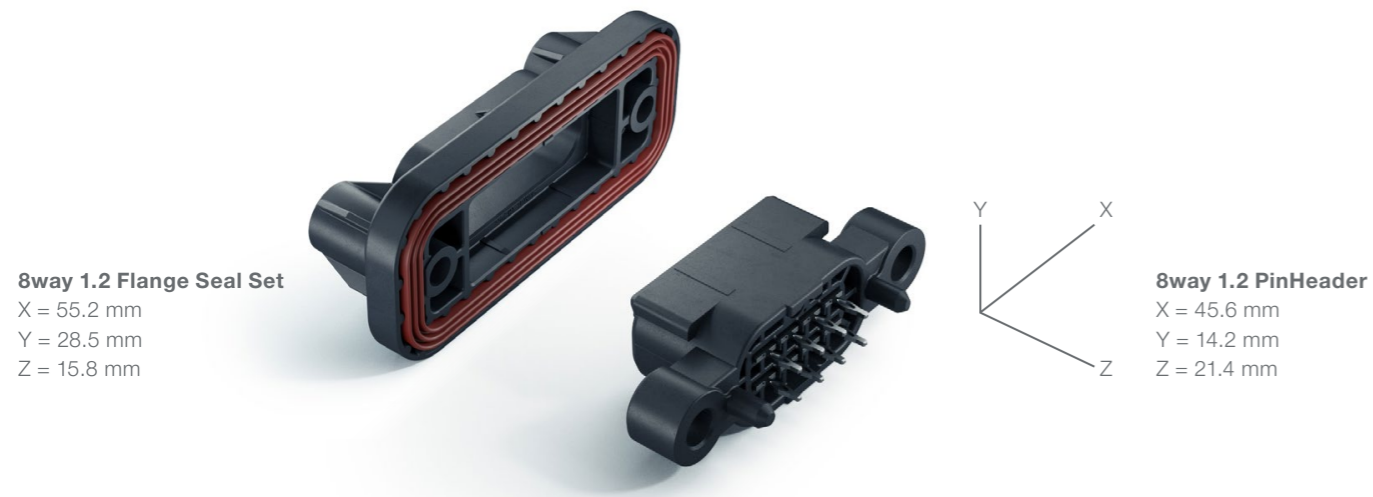
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-048-... <sup>3</sup>	A	black	-

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 8way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	807-520-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBEL TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) IP-Code: IPx8/IPx9K<sup>2</sup>

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

### PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	300 pcs
PACKAGING WEIGHT	4.2 kg
PACKAGING TYPE	blister trays

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-520-501	A	black	-

### 8WAY 1.2 FLANGE SEAL SET

PRODUCT NO.	807-521-...
WEIGHT OF CONNECTOR (Delivery Condition)	19.6 g
PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	168 pcs
PACKAGING WEIGHT	4.5 kg
PACKAGING TYPE	blister trays

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-521-501	-	black	-

<sup>2</sup> Protective cap recommended

## 10way 1.2 PinHeader + Seal

PRODUCT NO.	807-581-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.0 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 807-602-...
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2: DOC00082069 (drawing) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: SG2 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-170-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	6.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-581-... <sup>3</sup>	A	black	-

### 10WAY AXIAL SEAL

PRODUCT NO.	709-745-...
WEIGHT OF CONNECTOR (Delivery Condition)	0.6 g
PACKAGING SIZE	590 x 380 x 160 mm
PACKAGING QUANTITY	10,000 pcs
PACKAGING WEIGHT	6.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
709-745-... <sup>3</sup>	-	-	-

<sup>2</sup> Protective cap recommended

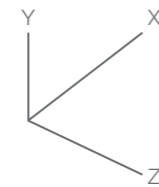
<sup>3</sup> On request: OEM restricted; samples available

## 12way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	810-076-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

### 12way 1.2 Flange Seal Set

X = 64.9 mm  
Y = 28.5 mm  
Z = 19.1 mm



### 12way 1.2 PinHeader

X = 55.6 mm  
Y = 14.2 mm  
Z = 22.6 mm

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.4 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

## VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) n/a

## INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

## PACKAGING FEATURES

PACKAGING SIZE	390 x 290 x 184 mm
PACKAGING QUANTITY	288 pcs
PACKAGING WEIGHT	3.6 kg
PACKAGING TYPE	blister trays

## ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-076-501	A	black	-
810-076-502	B	black	-

## 12WAY 1.2 FLANGE SEAL SET

PRODUCT NO.	807-662-...
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	504 pcs
PACKAGING WEIGHT	5.8 kg
PACKAGING TYPE	blister trays

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-662-501	-	black	flange screw connection from outside
807-662-511	-	black	flange screw connection from inside

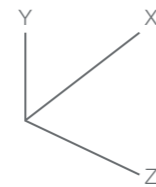


## 12way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	707-099-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

### 12way 1.2 Flange Seal Set

X = 54.1 mm  
Y = 14.2 mm  
Z = 28.0 mm



### 12way 1.2 PinHeader

X = 64.9 mm  
Y = 28.5 mm  
Z = 15.6 mm

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.7 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2: DOC00082069 (drawing) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

## VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) n/a

## INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING 808-183-...  
USCAR PLUG SOCKET INTERFACE DRAWING

## PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	16.2 kg
PACKAGING TYPE	bulk material

## ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
707-099-501	A	black	-

## 12WAY 1.2 FLANGE SEAL SET

PRODUCT NO.	809-495-...
WEIGHT OF CONNECTOR (Delivery Condition)	11.3 g
PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	960 pcs
PACKAGING WEIGHT	11.7 kg
PACKAGING TYPE	blister trays

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-495-503	-	black	flange screw connection from outside

## 12way 1.2 PinHeader + Flange + Seal

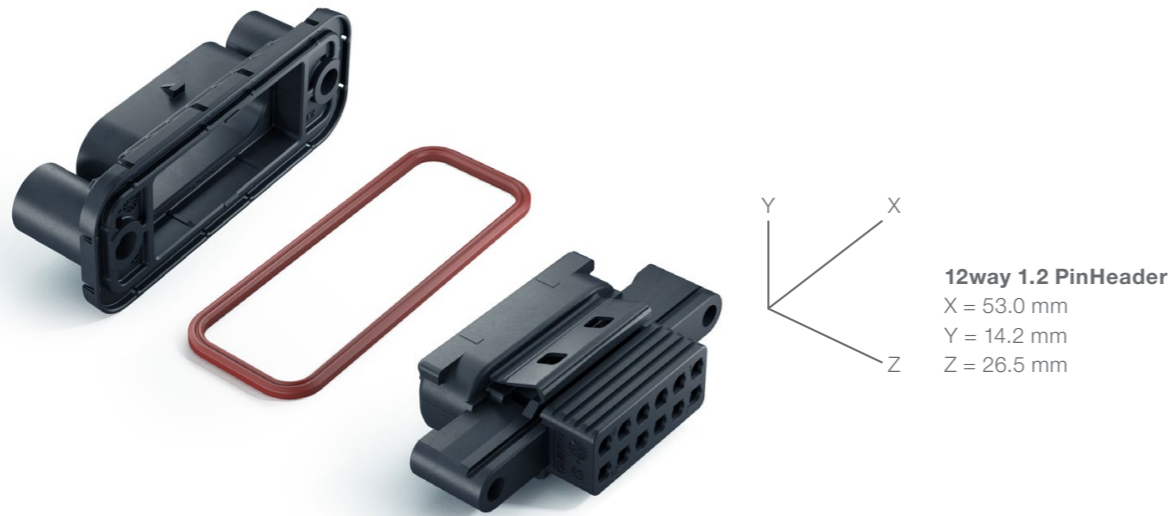
PRODUCT NO.	705-963-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

### 12way 1.2 Flange

X = 58.0 mm  
Y = 23.1 mm  
Z = 16.0 mm

### 12way Axial Seal

X = 56.5 mm  
Y = 2.0 mm  
Z = 21.6 mm



TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.3 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	not needed

*No distribution via Hirschmann Automotive. Please contact supplier directly.*

*No distribution via Hirschmann Automotive. Please contact supplier directly.*

## VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) n/a

## INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-015-...00
USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

## PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	15.4 kg
PACKAGING TYPE	bulk material

## ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
705-963-501	A	black	-
705-963-502	B	black	-

## 12WAY 1.2 FLANGE

PRODUCT NO.	705-964-...
WEIGHT OF CONNECTOR (Delivery Condition)	5.1 g

PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	5.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
705-964-501	-	black	flange screw connection from outside

## 12WAY AXIAL SEAL

PRODUCT NO.	709-319-...
WEIGHT OF CONNECTOR (Delivery Condition)	0.6 g

PACKAGING SIZE	590 x 380 x 160 mm
PACKAGING QUANTITY	10,000 pcs
PACKAGING WEIGHT	6.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
709-319-501	-	-	-

## 16way 1.2 PinHeader + Flange Seal Set + Transport Protection Cap

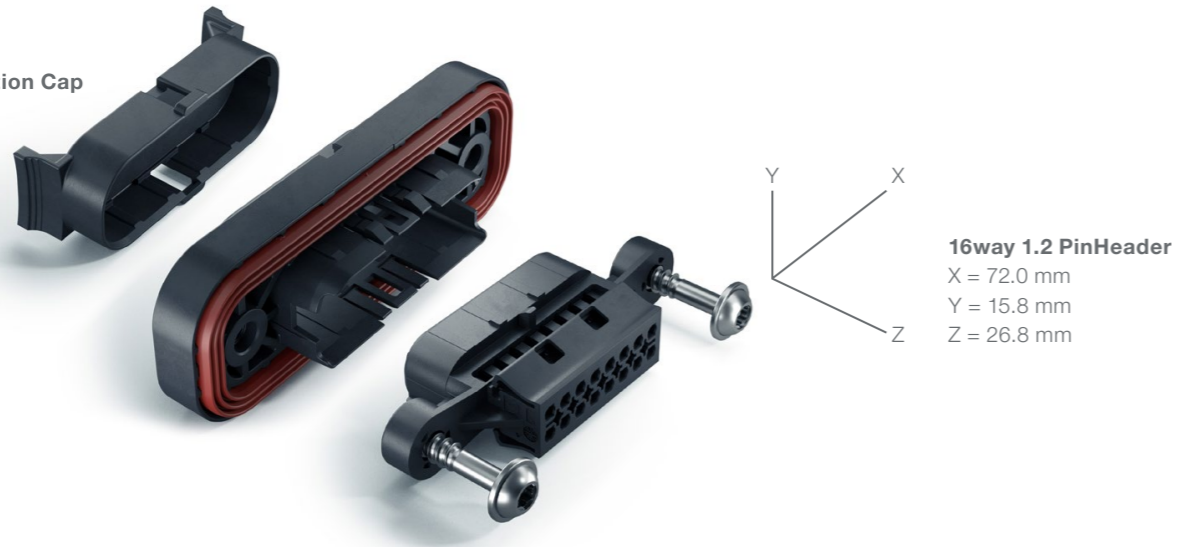
PRODUCT NO.	810-485-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

### 16way 1.2 Protection Cap

X = 47.6 mm  
Y = 18.6 mm  
Z = 15.0 mm

### 16way 1.2 Flange Seal Set

X = 83.1 mm  
Y = 30.8 mm  
Z = 26.2 mm



### 16way 1.2 PinHeader

X = 72.0 mm  
Y = 15.8 mm  
Z = 26.8 mm

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	20.0 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC0007763 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

## VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG2 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IP68 / IP6K6K / IP6K9K <sup>3</sup>
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## INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-183-...
USCAR PLUG SOCKET INTERFACE DRAWING	

## PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	325 pcs
PACKAGING WEIGHT	9.8 kg
PACKAGING TYPE	blister trays

## ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-485-... <sup>3</sup>	A	black	-

## 16WAY 1.2 FLANGE SEAL SET

PRODUCT NO.	810-486-...
WEIGHT OF CONNECTOR (Delivery Condition)	20.0 g
PACKAGING SIZE	548 x 334 x 222 mm
PACKAGING QUANTITY	210 pcs
PACKAGING WEIGHT	5.1 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-486-... <sup>3</sup>	-	black	flange screw connection from outside

## 16WAY 1.2 PROTECTION CAP

PRODUCT NO.	707-106-...
WEIGHT OF CONNECTOR (Delivery Condition)	2.0 g
PACKAGING SIZE	548 x 334 x 222 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	4.9 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
707-106-... <sup>3</sup>	-	nature	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 16way 1.2 PinHeader + Flange + Seal

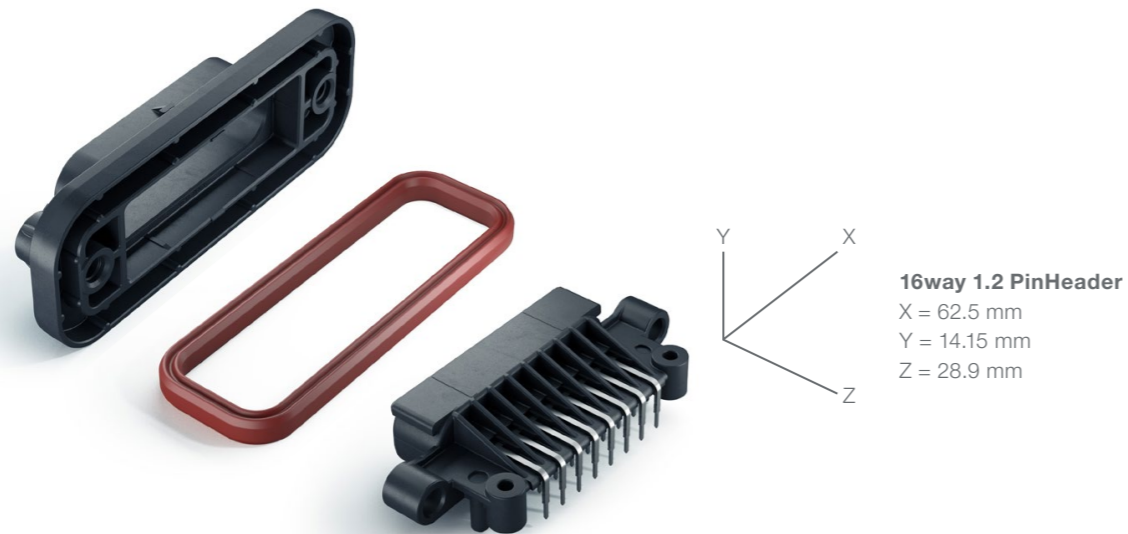
PRODUCT NO.	809-950-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

### 16way 1.2 Flange

X = 71.9 mm  
Y = 26.9 mm  
Z = 15.0 mm

### 16way Axial Seal

X = 69.3 mm  
Y = 4.9 mm  
Z = 24.3 mm



TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

## VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4 <sup>1</sup> /SG2 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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## INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-183-...
USCAR PLUG SOCKET INTERFACE DRAWING	

## PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 150 mm
PACKAGING QUANTITY	588 pcs
PACKAGING WEIGHT	9.1 kg
PACKAGING TYPE	blister trays

## ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-950-501	A	black	90 pressfit

## 16WAY 1.2 FLANGE

PRODUCT NO.	706-358-...
WEIGHT OF CONNECTOR (Delivery Condition)	7.4 g
PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-358-501	-	black	flange screw connection from inside
706-358-511	-	black	flange screw connection from inside / flange closed

## 16WAY AXIAL SEAL

PRODUCT NO.	709-776-...
WEIGHT OF CONNECTOR (Delivery Condition)	2.3 g
PACKAGING SIZE	387 x 282 x 290 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	6.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
709-776-501	-	tomato red	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 16way 1.2 PinHeader + Flange + Seal

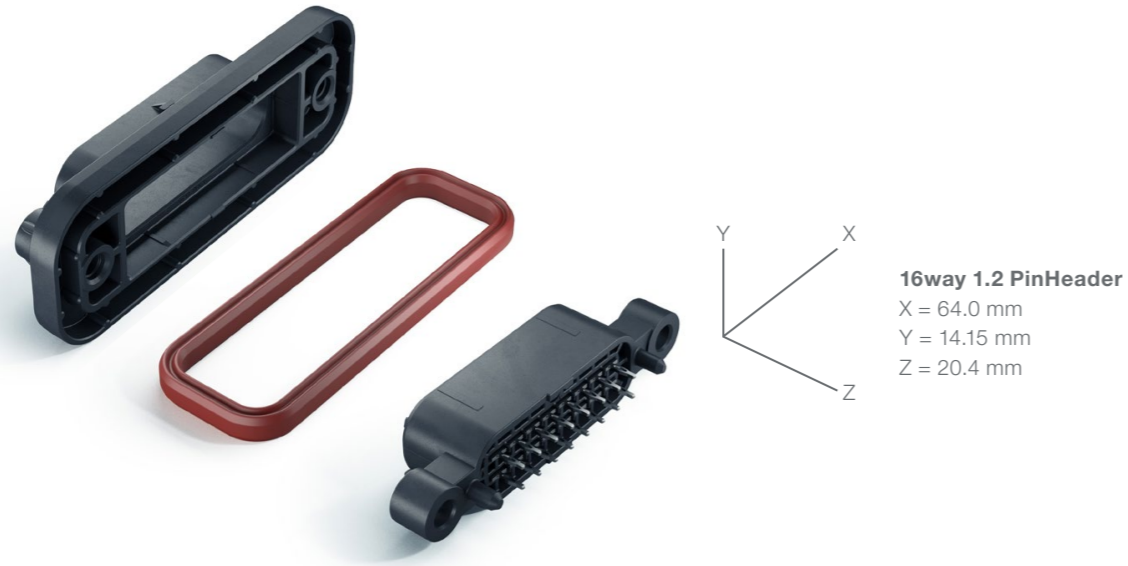
PRODUCT NO.	807-536-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

### 16way 1.2 Flange

X = 71.9 mm  
Y = 26.9 mm  
Z = 15.0 mm

### 16way Axial Seal

X = 69.2 mm  
Y = 4.9 mm  
Z = 24.3 mm



TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.1 g

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

## VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx9K <sup>2</sup>
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## INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-183-...
USCAR PLUG SOCKET INTERFACE DRAWING	

## PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	784 pcs
PACKAGING WEIGHT	8.9 kg
PACKAGING TYPE	blister trays

## ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-536-501	A	black	180 pressfit

## 16WAY 1.2 FLANGE

PRODUCT NO.	706-358-...
WEIGHT OF CONNECTOR (Delivery Condition)	7.4 g
PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-358-501	-	black	flange screw connection from inside
706-358-511	-	black	flange screw connection from inside / flange closed

## 16WAY AXIAL SEAL

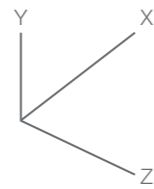
PRODUCT NO.	709-776-...
WEIGHT OF CONNECTOR (Delivery Condition)	2.3 g
PACKAGING SIZE	387 x 282 x 290 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	6.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
709-776-501	-	tomato red	-

<sup>2</sup> Protective cap recommended

## 24way 1.2 PinHeader

PRODUCT NO.	806-732-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



X = 71.0 mm  
Y = 62.0 mm  
Z = 27.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	24way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 8.1 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	55.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-551-...
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2: DOC00082069 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) IP-Code: IP67 / IP6K9K<sup>2</sup>

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING 808-052-...  
USCAR PLUG SOCKET INTERFACE DRAWING

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	192 pcs
PACKAGING WEIGHT	11.3 kg
PACKAGING TYPE	material arranged in layers

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-732-... <sup>3</sup>	A	black	-

<sup>2</sup> Protective cap recommended

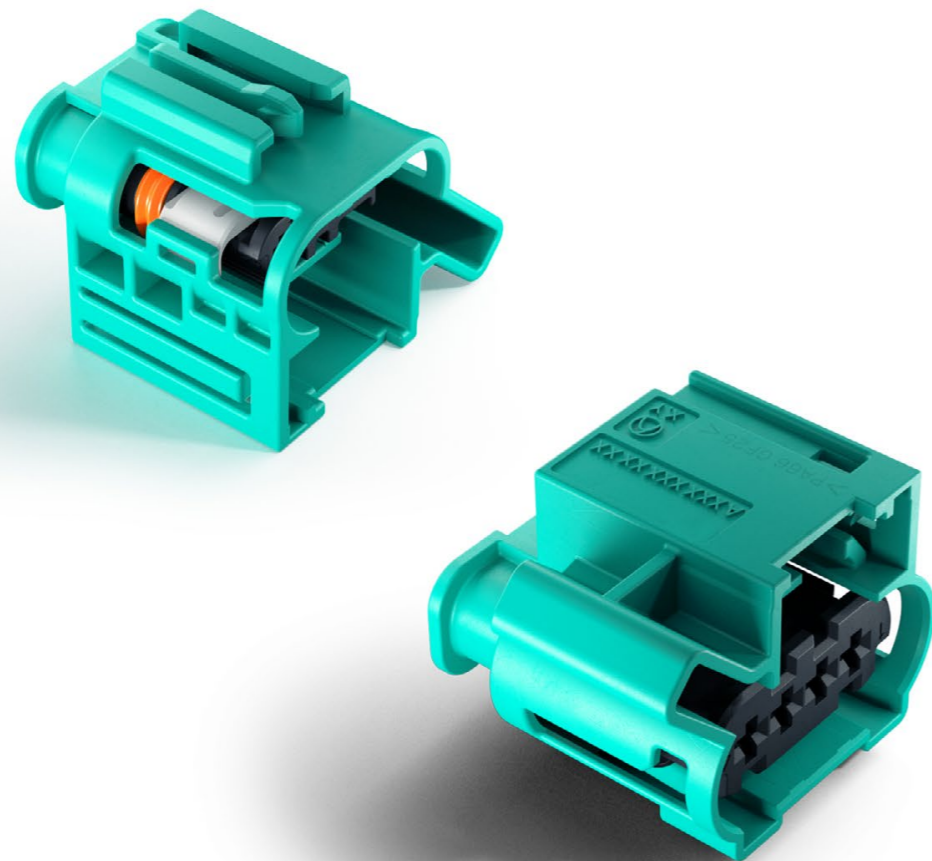
<sup>3</sup> On request: OEM restricted; samples available

# Service Disconnect

## Introduction

The SealStar Service Disconnect connector impresses with its function, compact design, and robustness.

With an innovative mechanism, this connector enables effortless disconnection in case of maintenance and thus prevents unintentional activations.





# Service Disconnect

## Characteristics

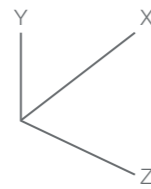
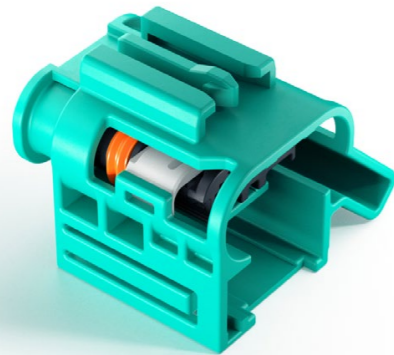
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features

- » compliant with test specification LV214
- » single-wire sealing and robust radial sealing
- » CPA (Connector Position Assurance)
- » convenient and secure connection with audible feedback of detent function
- » with EU-Clip available
- » male contact pin with Ag surface coating



## 4way 1.2 Service Disconnect F

PRODUCT NO.	806-820-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100054-00
PROCESS SPECIFICATION	EVS-100054-00



X = 34.7 mm  
Y = 27.5 mm  
Z = 31.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	9.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-821-...
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2-Sm: DOC00079128 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-147-...00 (n/a)
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	9.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-820-541	A	turquoise green	-

### Downloads

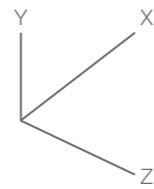
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 1.2 Service Disconnect M

PRODUCT NO.	806-821-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100054-00
PROCESS SPECIFICATION	EVS-100054-00



X = n/a  
Y = 23.0 mm  
Z = 31.8 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-820-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (due to design) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3 <sup>1</sup> /SG3 USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-147-...00 (n/a)
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.3 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-821-541	A	black	-

### Downloads

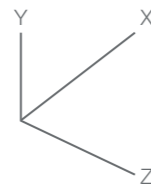
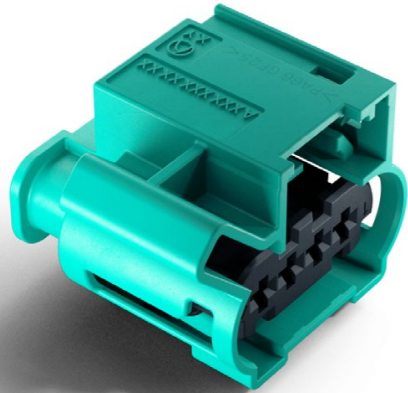
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

## 4way 2.8 Service Disconnect F

PRODUCT NO.	809-322-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100104 (n/a)
PROCESS SPECIFICATION	EVS-100104 (n/a)



X = 38.3 mm  
Y = 30.5 mm  
Z = 34.0 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	14.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-321-...
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
	SWS is given on the corresponding terminal drawing

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> USCAR2: S2 v S3 <sup>2</sup> IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-209-...00 (n/a)
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	500 pcs
PACKAGING WEIGHT	7.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-322-... <sup>3</sup>	A	turquoise green	-

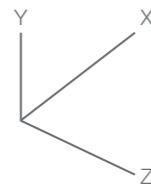
<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

## 4way 2.8 Service Disconnect M

PRODUCT NO.	809-321-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100104 (n/a)
PROCESS SPECIFICATION	EVS-100054 (n/a)



X = n/a  
Y = 26.4 mm  
Z = 31.8 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm <sup>2</sup>
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-322-...
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (due to design) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> USCAR2: S2 IP-Code: IPx8 / IPx9K <sup>2</sup>
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-209-...00 (n/a)
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	10.8 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-321-... <sup>3</sup>	A	black	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>2</sup> Protective cap recommended

<sup>3</sup> On request: OEM restricted; samples available

# Accessories

## Introduction

External influences such as dust, dirt, or water can harm connectors. Hence, we developed caps that protect and stabilize them. The protective caps are designed ergonomically and close completely, saving valuable installation space. The simple and secure catch with film hinges ensures a robust and torque-proof position at the housing.

Our protective caps are available for different pole numbers and cable outlets. They can be used for our connectors SealStar 0.63, 1.2, and 2.8, as well as 1.2 SealStar HMK.





# Protective Caps

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## Characteristics


- » one-piece-design with film hinge
- » the same dress covers is compatible with multiple connectors Systems (0.63, 1.2 & 2.8)
- » suitable for high pressure and steam cleaning according to IPx9K
- » temperature resistance: -40° C to +140° C (objective: up to +150° C)
- » ergonomically shaped protective caps for optimal installation
- » intuitive assembling


### TECHNICAL PRODUCT INFORMATION


CABLE OUTLET	180°, straight exit designed for nominal width (NW) 4.5
	90°, left or right exit designed for nominal width (NW) 4.5/7.5 mounting on both sides
COLOR	black
MATERIAL	PA6
TEMPERATURE RANGE	-40° C to +140° C


### Product Variants


ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-130-501	180°	4.5	2way   810-650-... <sup>2</sup>	2way   805-120-... 2way   872-857-... <sup>2</sup> 2way   806-026-... <sup>2</sup>
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	5.8 kg			
	PACKAGING TYPE	bulk material			


ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-131-501	90°	4.5	2way   810-650-... <sup>2</sup>	2way   805-120-... 2way   872-857-... 2way   806-026-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	3,500 pcs			
	PACKAGING WEIGHT	8.0 kg			
	PACKAGING TYPE	bulk material			


ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-132-501	180°	4.5	-	3way   805-121-... 3way   872-858-... 3way   872-597-... 3way   806-881-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	6.3 kg			
	PACKAGING TYPE	bulk material			


ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-133-501	90°	4.5	-	3way   805-121-... 3way   872-858-... 3way   872-597-... 3way   806-881-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	6.6 kg			
	PACKAGING TYPE	bulk material			

ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-134-501	180°	4.5	-	4way   805-122-... 4way   872-859-... 4way   806-880-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	7.0 kg			
	PACKAGING TYPE	bulk material			

ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-135-501	90°	4.5	-	4way   805-122-... 4way   872-859-... 4way   806-880-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	7.8 kg			
	PACKAGING TYPE	bulk material			

ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-136-501	180°	4.5	-	5way   805-123-... 5way   872-860-... 5way   805-992-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	7.5 kg			
	PACKAGING TYPE	bulk material			

ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-137-501	90°	4.5	-	5way   805-123-... 5way   872-860-... 5way   805-992-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	8.7 kg			
	PACKAGING TYPE	bulk material			

ORDER/PRODUCT NO.	VARIANT	NW	0.63 SealStar <sup>1</sup>	1.2 SealStar <sup>1</sup>	2.8 SealStar <sup>1</sup>
	707-138-501	180°	7.5	-	5way   805-123-... 5way   872-860-... 5way   805-992-...
	PACKAGING SIZE	600 x 400 x 280 mm			
	PACKAGING QUANTITY	2,500 pcs			
	PACKAGING WEIGHT	9.4 kg			
	PACKAGING TYPE	bulk material			

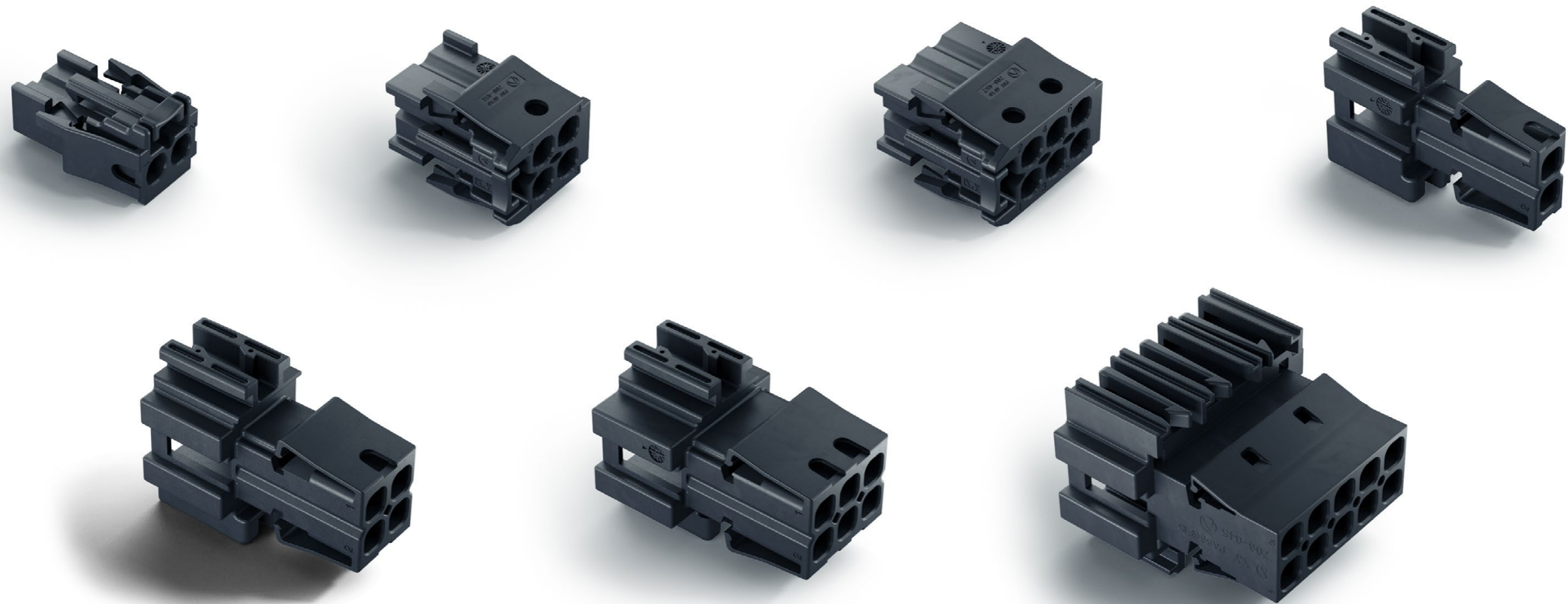
<sup>1</sup> Matching Hirschmann Automotive Connector Order/Product No.

<sup>2</sup> More details are available in our product specific SealStar flyers

# EasyConn Connectors

## Introduction

The EasyConn housing family has a particularly compact design and is available with different pole numbers – in male and female versions. The connector housings are characterized by their compact design, the various color and mechanical coding options as well as the comfortable and secure latching function. The design layout is compliant with VDA AK guidelines. High levels of thermal stress do not pose a problem for the EasyConn family.







## 1.2 EasyConn Connector

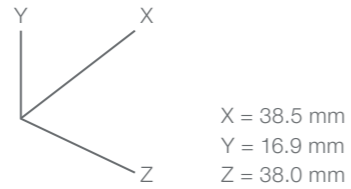
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### Characteristics

- » compliant with test specification LV214
- » primary and secondary locking
- » one-piece-design

## 10way 1.2 EasyConn F

PRODUCT NO.	707-173-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100134 (n/a)



### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	2.54 mm x 3.0 mm, 4.54 mm x 3.0 mm
WIRE SIZE RANGE	max. 0.75 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.9 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 2x2way 705-853-... Connector: 6way 705-852-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00061540 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	not needed (unsealed application)

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) USCAR2: T3/V2/S1

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING (n/a)  
USCAR PLUG SOCKET INTERFACE DRAWING

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	9.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
707-173-501	A	black	-
707-173-511	E	black	-

<sup>1</sup> Tested with the temperature collective from LV124



## 2.8 EasyConn Connector

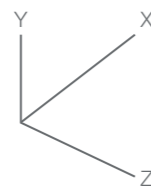
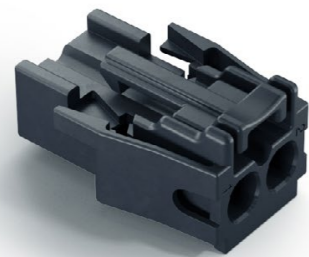
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### Characteristics

- » compliant with test specification LV214
- » convenient and secure connection with audible feedback of detent function
- » with EU-Clip available
- » compatible for 2.8 MCP, CTS and MAK contact systems
- » primary and secondary locking
- » one-piece-design

## 2way 2.8 EasyConn F

PRODUCT NO.	706-450-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00



X = 14.2 mm  
Y = 23.5 mm  
Z = 26.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	2.4 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-650-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	not needed (unsealed application)

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> /SG1 USCAR2: S1
--	--

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-929-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	12.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-450-512	B	nature	-
706-450-513	C	light blue	-
706-450-514	D	claret violet	-
706-450-515	E	may green	-

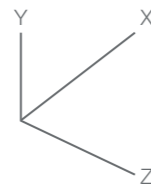
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

## 4way 2.8 EasyConn F

PRODUCT NO.	706-451-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00



X = 20.1 mm  
Y = 26.1 mm  
Z = 26.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	3.7 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-651-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	not needed (unsealed application)

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> /SG1 USCAR2: S1
--	--

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-930-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	13.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-451-511	A	black	-
706-451-512	B	nature	-
706-451-513	C	light blue	-
706-451-514	D	claret violet	-
706-451-515	E	may green	-

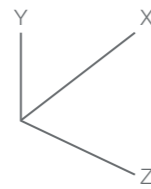
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

## 6way 2.8 EasyConn F

PRODUCT NO.	706-452-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00



X = 26.2 mm  
Y = 26.2 mm  
Z = 26.3 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	5.0 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-652-...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	not needed (unsealed application)

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> /SG1 USCAR2: S1
--	--

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-931-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	13.2 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-452-511	A	black	-
706-452-512	B	nature	-
706-452-513	C	light blue	-
706-452-514	D	claret violet	-

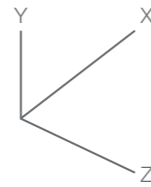
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

## 2way 2.8 EasyConn M

PRODUCT NO.	706-650-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00



X = 23.6 mm  
Y = 14.4 mm  
Z = 37.4 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	4.1 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-450-...
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355052 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> /SG1 USCAR2: S1
--	--

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-929-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	3,000 pcs
PACKAGING WEIGHT	13.0 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-650-511	A	black	EU-Clip
706-650-512	B	nature	EU-Clip
706-650-513	C	light blue	EU-Clip
706-650-514	E	may green	EU-Clip

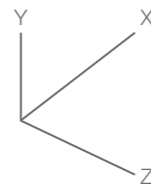
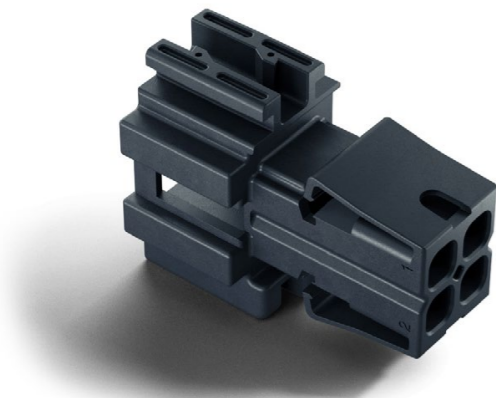
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

## 4way 2.8 EasyConn M

PRODUCT NO.	706-651-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00



X = 28.1 mm  
Y = 17.8 mm  
Z = 37.4 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	5.34 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-451-...
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355052 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> /SG1 USCAR2: S1
--	--

### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-930-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	14.2 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-651-511	A	black	EU-Clip
706-651-512	B	nature	EU-Clip
706-651-513	C	light blue	EU-Clip
706-651-514	D	claret violet	EU-Clip
706-651-515	E	may green	EU-Clip

### Downloads

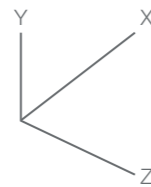
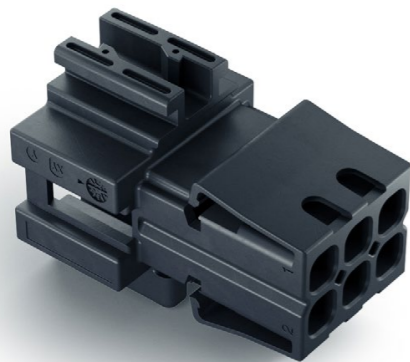
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124



## 6way 2.8 EasyConn M

PRODUCT NO.	706-652-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00



X = 28.1 mm  
Y = 23.8 mm  
Z = 37.4 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.3 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-452-...
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355052 (drawing)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> /SG1 USCAR2: S1
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	872-931-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	11.7 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-652-511	A	black	EU-Clip
706-652-512	B	nature	EU-Clip
706-652-513	C	light blue	EU-Clip
706-652-516	B	nature	EU-Clip

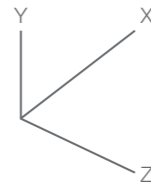
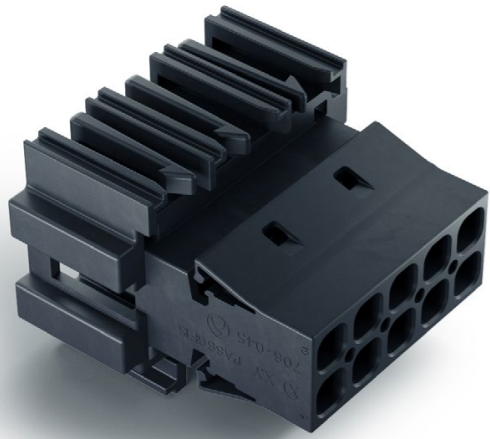
### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124

## 10way 2.8 EasyConn M

PRODUCT NO.	706-045-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100053-00
PROCESS SPECIFICATION	EVS-100049-00



X = 38.7 mm  
Y = 28.1 mm  
Z = 37.4 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	12.6 g

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 705-489...
COMPATIBLE TERMINAL SYSTEM <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	not needed (unsealed application)

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2 <sup>1</sup> /SG1 USCAR2: S1
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-040-...00
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.4 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-045-514	D	claret violet	EU-Clip
706-045-515	E	may green	EU-Clip

### Downloads

- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

<sup>1</sup> Tested with the temperature collective from LV124



# EasyConn Hybrid Connector

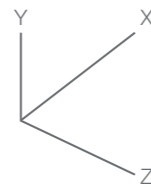
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## Characteristics

- » compliant with test specification LV214
- » convenient and secure connection with audible feedback of detent function
- » one-piece-design

## 5way EasyConn Hybrid F Connector

PRODUCT NO.	705-826-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100048 (n/a)
PROCESS SPECIFICATION	EVS-100044 (n/a)



X = 14.7 mm  
Y = 19.0 mm  
Z = 23.7 mm

### TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm, 2.8 mm
NUMBER OF PINS	3 + 2way
CENTERLINE OF TERMINALS (Pitch)	2.675, 5.35 mm
WIRE SIZE RANGE	max. 0.75, max. 2.5 mm <sup>2</sup>
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 50 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	POM
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

### MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	-
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	

### VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2!/SG1 USCAR2: S1
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### INTERFACE DESCRIPTION OF THE CONNECTOR

PLUG SOCKET INTERFACE DRAWING	808-101-...
USCAR PLUG SOCKET INTERFACE DRAWING	

### PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

### ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
705-826-... <sup>3</sup>	B	nature	-
705-826-... <sup>3</sup>	C	light blue	-
705-826-... <sup>3</sup>	D	claret violet	-
705-826-... <sup>3</sup>	F	brown	-

<sup>1</sup> Tested with the temperature collective from LV124

<sup>3</sup> On request: OEM restricted; samples available

# Get in Touch

If you are interested in our Low Voltage products, contact our Global Product Manager Johannes Ullrich.

More information and insights about Hirschmann Automotive can be found on our website or on our social media channels.

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