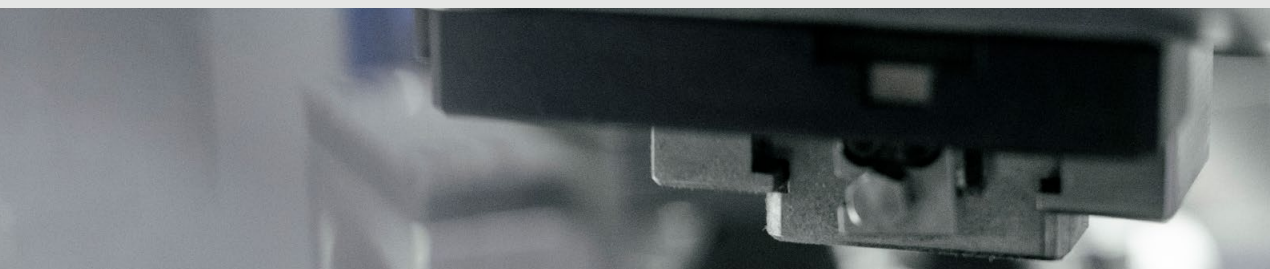


LOW VOLTAGE CONNECTOR

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

 Number of Employees worldwide	7,330
 Plant Locations Production	7
 Competence Centers	5
 Distributor	1
 Founding Year	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

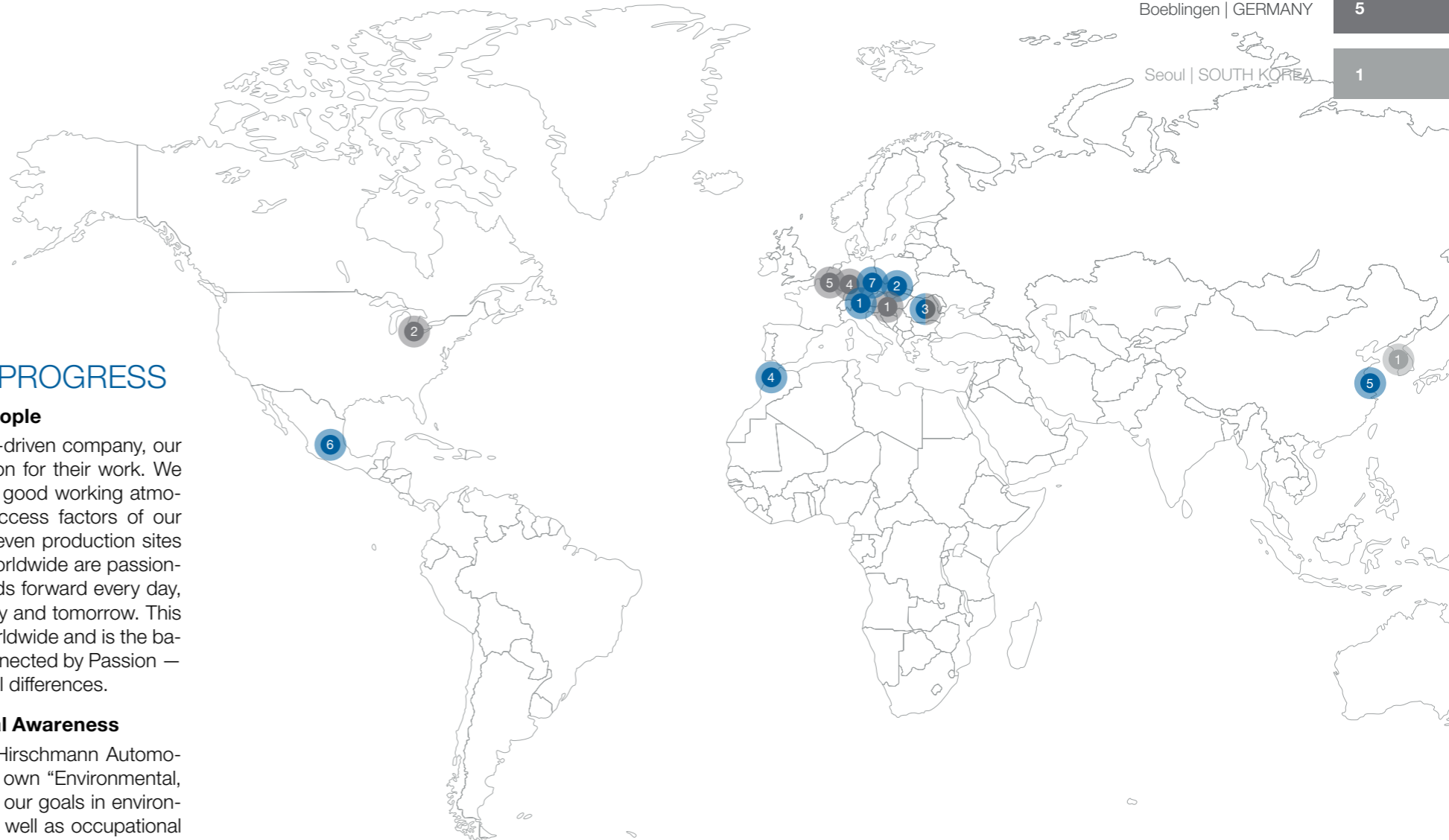
The central measuring and testing laboratory is the guarantor for fully tested components, from the design and construction phase through to series production. With vibration tests, metallography, microscopy, x-rays, tightness, infrared thermal analysis, or environmental impact analyses, you can be ensured 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 Mureş ROMANIA	3
Kenitra MOROCCO	4
Nantong CHINA	5
San Miguel MEXICO	6
Freyung GERMANY	7

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

Seoul SOUTH KOREA	1
---------------------	---

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.

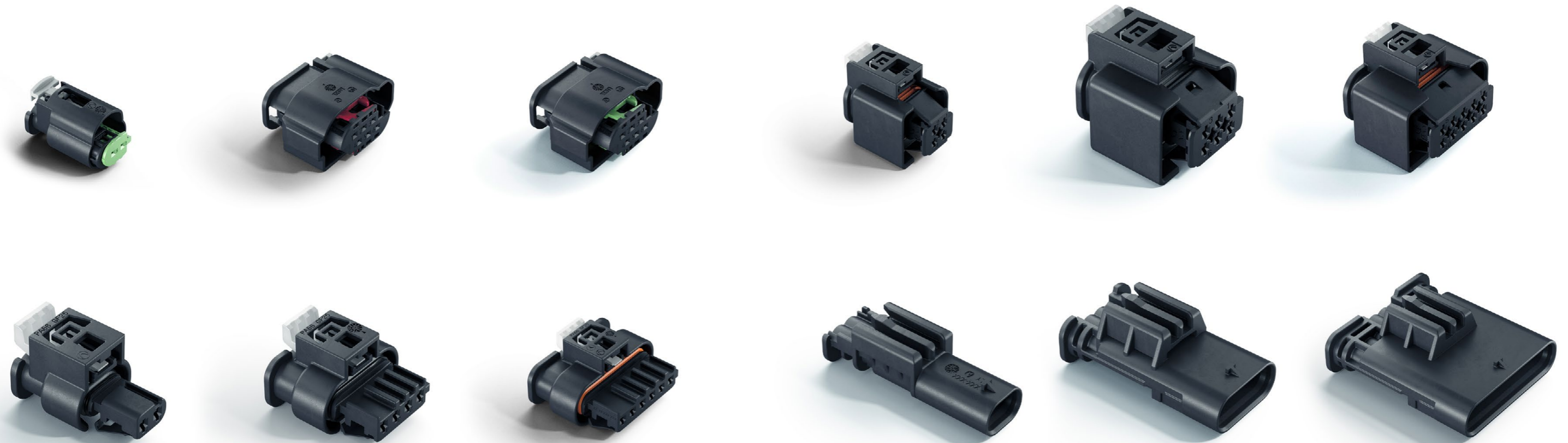
Moreover, we design customized solutions exactly according to customer requests. This is our core competence, which we pursue with passion! Together with our customers, we are shaping the sustainable mobility of tomorrow.



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 ZVEI & USCAR2, the products impress with their high temperature and vibration resistance.



0.63 SealStar F Connector

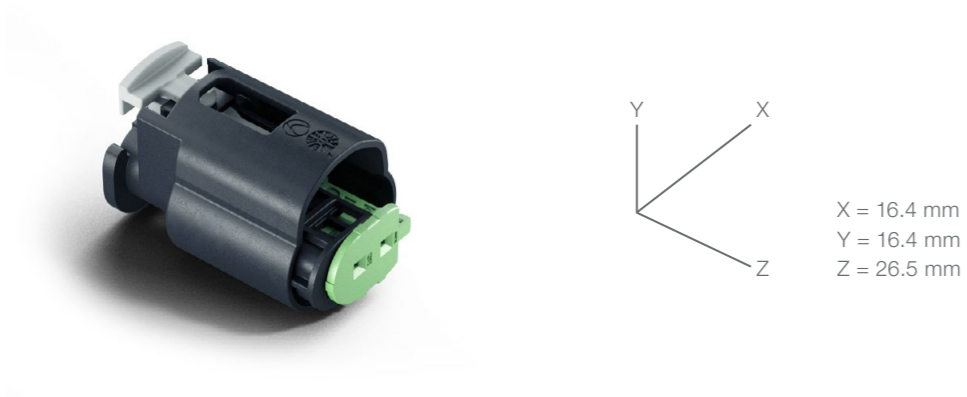
Characteristics

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

- » compliant with test specification ZVEI
- » watertight according to IPX7/IPX9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » compact design
- » convenient and secure connection with audible feedback of detent function
- » completely pre-assembled product

2way 0.63 SealStar F CPA

PRODUCT NO.	810-650-...
GENDER	female (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	2way
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
810-650-521	A	black	-
810-650-522	B	nature	-
810-650-523	C	blue	-

Downloads

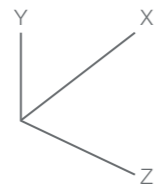
▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

2way 0.63 SealStar F

PRODUCT NO.	809-109-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-109-541	A	black	-
809-109-542	B	grey	-
809-109-543	C	blue	-

Downloads

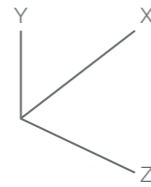
▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 0.63 SealStar F CPA

PRODUCT NO.	810-651-...
GENDER	female (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
PITCH OF TERMINALS	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
810-651-521	A	black	-
810-651-522	B	nature	-
810-651-522	C	blue	-

Downloads

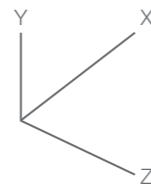
► SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 0.63 SealStar F

PRODUCT NO.	809-315-...
GENDER	female (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
PITCH OF TERMINALS	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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

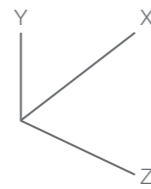
▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 0.63 SealStar F CPA

PRODUCT NO.	810-652-...
GENDER	female (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
PITCH OF TERMINALS	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
810-652-521	A	black	-
810-652-522	B	grey	-

Downloads

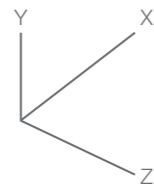
► SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 0.63 SealStar F

PRODUCT NO.	810-284-...
GENDER	female (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
PITCH OF TERMINALS	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
--	---

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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
810-284-... ³	A	black	-

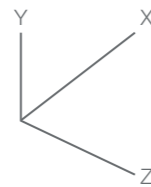
¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

6way 0.63 SealStar F CPA

PRODUCT NO.	809-140-...
GENDER	female (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
PITCH OF TERMINALS	2.54 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-140-... ³	A	black	-

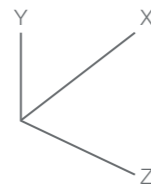
¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

6way 0.63 SealStar F

PRODUCT NO.	809-140-...
GENDER	female (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
PITCH OF TERMINALS	2.54 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK3/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

1.2 SealStar F Connector

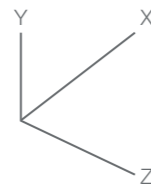
Characteristics

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

- » compliant with test specification ZVEI & USCAR2
- » watertight according to IPX7/IPX9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » convenient and secure connection with audible feedback of detent function
- » locking element either right or left of the protective shroud possible
- » completely pre-assembled product

2way 1.2 SealStar F CPA

PRODUCT NO.	805-120-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-555-... 809-604-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-130-501 (180°) 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK4/SG4 USCAR2: T3/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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	180° twisted	curry	-
805-120-528	B	standard	nature	backlash reduction

Downloads

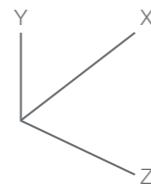
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

2way 1.2 SealStar F

PRODUCT NO.	872-857-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-555-... 809-604-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-130-501 (180°) 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK41/SG4 USCAR2: T3/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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	180° twisted	curry	-
872-857-566	B	180° twisted	ivory	-
872-857-571	A	standard	black	-
872-857-572	B	standard	nature	-

Downloads

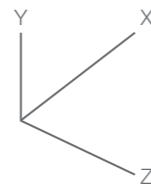
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 1.2 SealStar F CPA

PRODUCT NO.	805-121-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-556-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-132-501 (180°) 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK4/SG4 USCAR2: T4/V4/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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	180° twisted	curry	-

Downloads

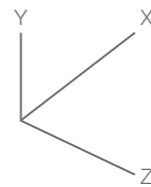
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 1.2 SealStar F

PRODUCT NO.	872-858-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-556-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-132-501 (180°) 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	∅ 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK3/SG4 USCAR2: T3/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
872-858-541	A	standard	black	-
872-858-542	B	standard	nature	-
872-858-546	A	180° twisted	curry	-

Downloads

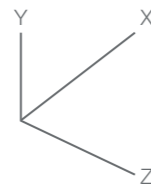
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 1.2 SealStar F CPA

PRODUCT NO.	805-122-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-557-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-134-501 (180°) 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	∅ 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK4/SG4 USCAR2: T2/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-122-581	A	standard	black	backlash reduction
805-122-582	B	standard	nature	backlash reduction
805-122-552	B	standard	nature	backlash reduction
805-122-553	C	180° twisted	curry	backlash reduction
805-122-550	A	standard	black	no CPA

Downloads

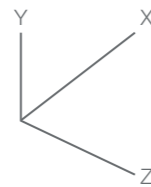
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 1.2 SealStar F

PRODUCT NO.	872-859-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	809-557-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-134-501 (180°) 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK4/SG3 USCAR2: T2/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
872-859-541	A	standard	black	-
872-859-542	B	standard	nature	-

Downloads

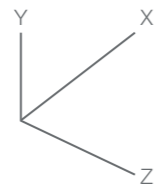
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 1.2 SealStar F CPA

PRODUCT NO.	807-550-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	∅ 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: SG4 USCAR2: T2/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-550-521	A	just standard possible	black	-

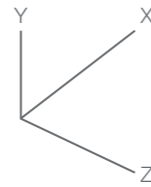
Downloads

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

² Protective Cap recommended for IPX9K

5way 1.2 SealStar F CPA

PRODUCT NO.	805-123-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	806-974-...
MATCHING HIRSCHMANN AUTOMOTIVE 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)	ZVEI: TK4/SG3 USCAR2: T2/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-123-551	A	standard	black	backlash reduction
805-123-552	B	standard	nature	backlash reduction

Downloads

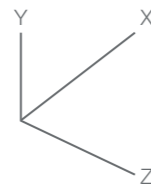
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

5way 1.2 SealStar F

PRODUCT NO.	872-860-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	806-974-...
MATCHING HIRSCHMANN AUTOMOTIVE 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)	ZVEI: TK4/SG4 USCAR2: T2/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
872-860-541	A	standard	black	-
872-860-546	A	180° twisted	black	-

Downloads

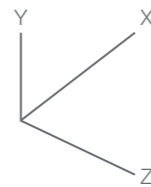
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

6way 1.2 SealStar F CPA

PRODUCT NO.	805-124-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	806-614-...
MATCHING HIRSCHMANN AUTOMOTIVE 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)	ZVEI: TK4/SG4 USCAR2: T3/V2/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-124-521	A	standard	black	-

Downloads

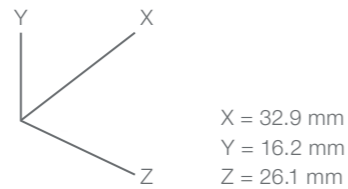
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

6way 1.2 SealStar F

PRODUCT NO.	872-861-...
GENDER	female (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00



TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	806-614-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK4/SG4 USCAR2: T2/V2/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
872-861-561	A	standard	black	-
872-861-562	B	standard	nature	-

Downloads

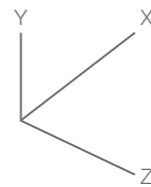
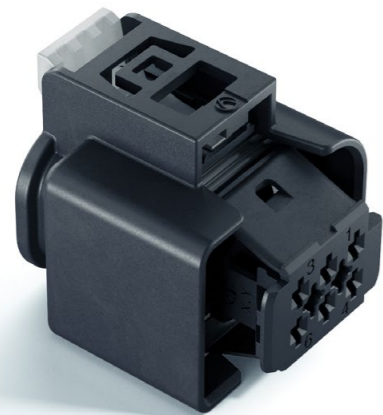
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

6way 1.2 SealStar F CPA

PRODUCT NO.	807-551-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-551-581	A	just standard possible	black	-
807-551-582	B	standard	black	-

Downloads

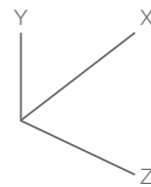
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

8way 1.2 SealStar F

PRODUCT NO.	872-862-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-560-... 809-799-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
872-862-521	A	standard	black	-

Downloads

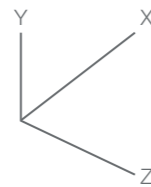
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

8way 1.2 SealStar F CPA

PRODUCT NO.	805-031-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-031-551	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
805-031-585	A	standard	black	cavity 2, 5, 6 closed
805-031-595	A	standard	curry	AEM radial Seal

Downloads

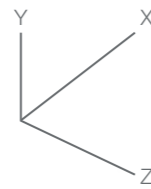
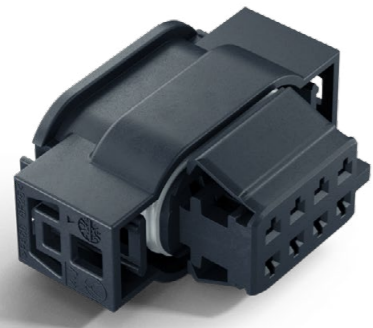
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

8way 1.2 SealStar F

PRODUCT NO.	805-031-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	7.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-031-531	A	standard	black	2x lateral latches
805-031-561	A	standard	black	2x lateral latches

Downloads

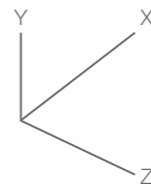
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

10way 1.2 SealStar F CPA

PRODUCT NO.	807-602-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-602-511	A	just standard possible	black	-

Downloads

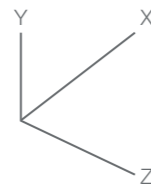
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

12way 1.2 SealStar F CPA

PRODUCT NO.	806-344-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK4/SG4 USCAR2: T3/V3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-344-541	A	standard	black	-
806-344-542	B	standard	nature	-

Downloads

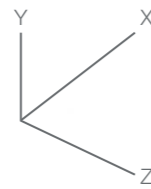
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

12way 1.2 SealStar F

PRODUCT NO.	806-360-...
GENDER	female (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
PITCH OF TERMINALS	2.54 x 3.00 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	-
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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)	ZVEI: TK4/SG4_AG USCAR2: S2 IP-Code: IPX7
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-360-521	A	standard	black	black protective shroud 2x lateral laches
806-360-522	A	standard	black	grey protective shroud 2x lateral laches
806-360-506	A	standard	black	waterblue protective shroud 2x lateral laches

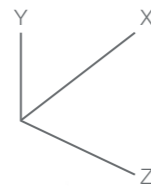
Downloads

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

¹ Tested with the temperature collective from LV124

16way 1.2 SealStar F CPA

PRODUCT NO.	805-587-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	809-588-... 807-446-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	∅ 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK4/SG4 USCAR2: T3/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-587-551	A	standard	black	-
805-587-542	B	standard	black	-
805-587-545	A	180° twisted	black	-

Downloads

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K



1.2 SealStar M Connector

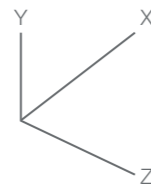
Characteristics

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

- » compliant with test specification ZVEI & USCAR2
- » watertight according to IPX7/IPX9K
- » single-wire sealing
- » Either US-Clip or with EU-Clip available
- » completely pre-assembled

2way 1.2 SealStar M GEN2

PRODUCT NO.	809-555-... 809-604-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	805-120-... 872-857-... 806-026-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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-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)	ZVEI: TK4/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-555-521	A	black	EU-Clip
809-555-522	B	black	EU-Clip
809-555-526	A	black	no locator element (no Clip)
809-555-523	B	grey	US-Clip
809-555-524	B	grey	US-Clip

Downloads

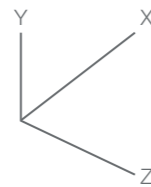
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 1.2 SealStar M GEN2

PRODUCT NO.	809-556-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	805-121-... 872-858-... 806-881-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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-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)	ZVEI: TK31/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-556-521	A	black	EU-Clip

Downloads

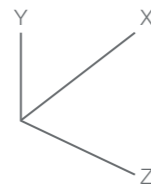
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 1.2 SealStar M GEN2

PRODUCT NO.	809-557-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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)	4.8 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	805-122-... 872-859-... 806-880-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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-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)	ZVEI: TK31/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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

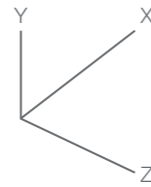
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

5way 1.2 SealStar M

PRODUCT NO.	806-974-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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)	12.3 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	872-860-... 805-123-... 805-992-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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-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)	ZVEI: SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-974-511	A	black	EU-Clip
806-974-512	B	black	EU-Clip

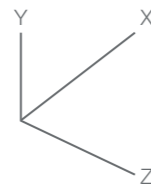
Downloads

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

² Protective Cap recommended for IPX9K

6way 1.2 SealStar M

PRODUCT NO.	806-614-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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)	13.1 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	872-861-... 805-124-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-614-521	A	black	EU-Clip

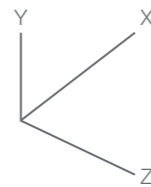
Downloads

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

² Protective Cap recommended for IPX9K

8way 1.2 SealStar M GEN2

PRODUCT NO.	809-560-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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)	11.0 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	805-125-... 872-862-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (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)	ZVEI: TK3 ¹ /SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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

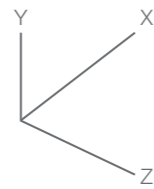
¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

12way 1.2 SealStar M

PRODUCT NO.	807-378-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	807-344-... 807-479-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (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)	USCAR2: T3/V2/S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-378-... ³	A	black	US-Clip

Downloads

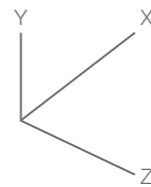
► INTERFACE DRAWING

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

16way 1.2 SealStar M

PRODUCT NO.	805-588-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	805-587-... 807-445-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	∅ 3.55 mm connector cavity SWS is given on the corresponding terminal drawing

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)	ZVEI: TK3/SG2 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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.

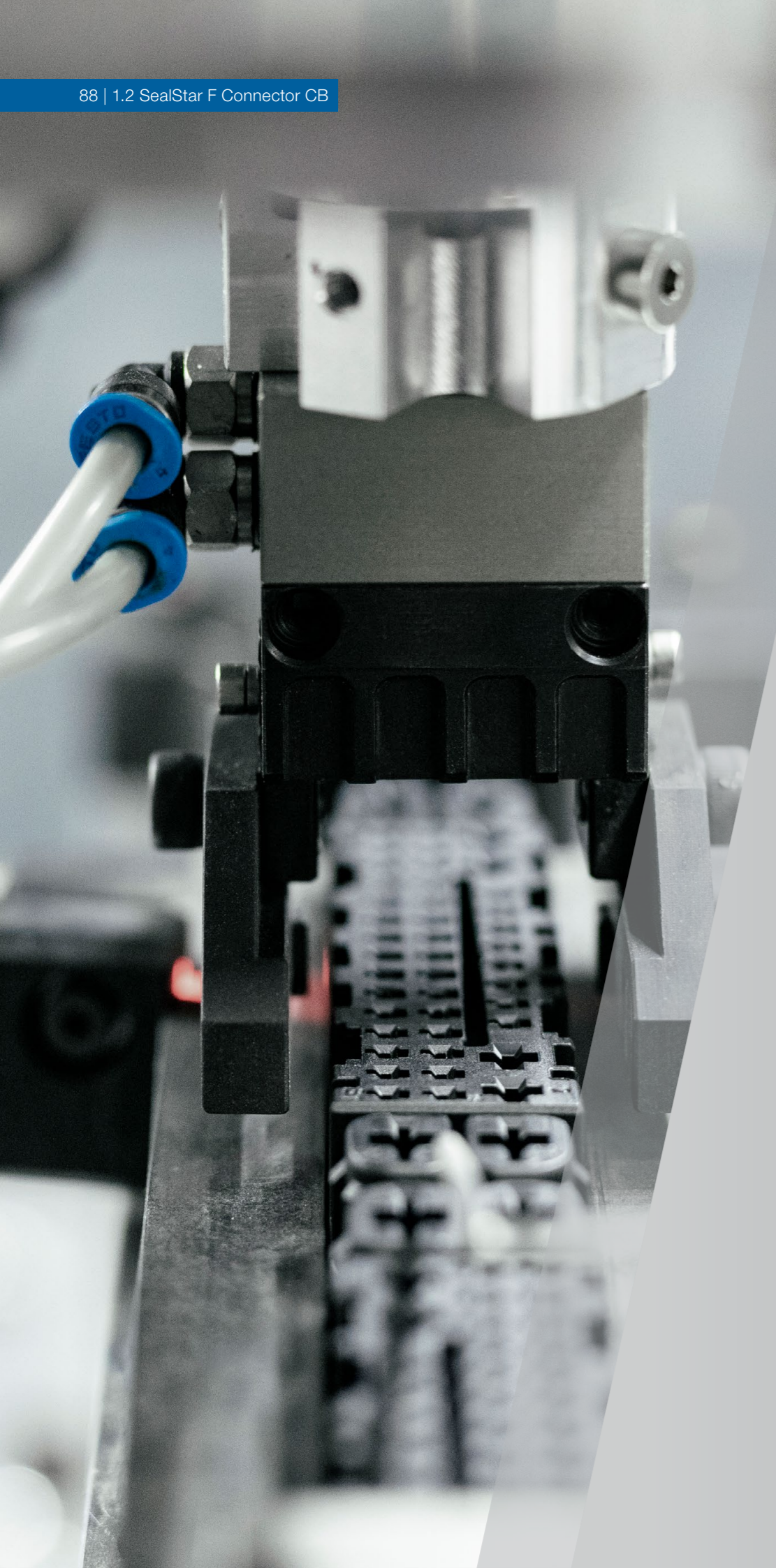
ORDER/ PRODUCT NO.	CODING	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-588-571	A	black	EU-Clip

Downloads

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K



1.2 SealStar F Connector CB

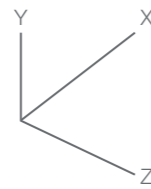
Characteristics

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

- » compliant with test specification ZVEI
- » watertight according to IPX7/IPX9K
- » matt seal and robust radial sealing
- » compact design due to matt seal
- » easy to close individual pins without blind plugs due to innovative product design

8way 1.2 SealStar F CB CPA

PRODUCT NO.	809-173-...
GENDER	female (F)
PRODUCT SPECIFICATION	EPS-100107-02 (n/a)
PROCESS SPECIFICATION	EVS-100107-02 (n/a)



X = 25.8 mm
Y = 21.1 mm
Z = 31.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
PITCH OF TERMINALS	2.5 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity 1.2 MCON CB
<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)	ZVEI: TK31/SG3 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-173-... ³	Z	water blue	-

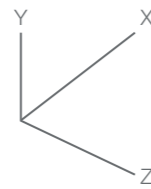
¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

12way 1.2 SealStar F CB CPA

PRODUCT NO.	809-174-...
GENDER	female (F)
PRODUCT SPECIFICATION	EPS-100107-02 (n/a)
PROCESS SPECIFICATION	EVS-100107-02 (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
PITCH OF TERMINALS	2.5 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity 1.2 MCON CB
<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)	ZVEI: TK31/SG3 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-174-... ³	A	black	-

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

2.8 SealStar F Connector MCP

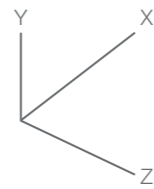
Characteristics

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

- » compliant with test specification ZVEI
- » watertight according to IPX7/IPX9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » convenient and secure connection with audible feedback of detent function
- » locking element either right or left of the protective shroud possible
- » completely pre-assembled

2way 2.8 SealStar F MCP CPA

PRODUCT NO.	807-872-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE 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
<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)	ZVEI: TK31/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-872-511	A	black	-
807-872-512	B	nature	-
807-872-513	C	blue	-

Downloads

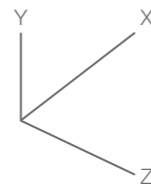
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 2.8 SealStar F MCP CPA

PRODUCT NO.	807-873-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE 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
<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)	ZVEI: TK3/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-873-511	A	black	-
807-873-512	B	nature	-

Downloads

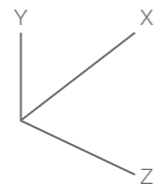
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 2.8 SealStar F MCP CPA

PRODUCT NO.	807-874-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE 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)	ZVEI: TK31/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-874-511	A	black	-
807-874-512	B	nature	-

Downloads

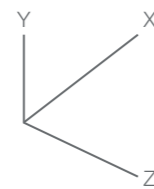
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

5way 2.8 SealStar F MCP CPA

PRODUCT NO.	807-875-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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
<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)	ZVEI: TK3/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-875-511	A	black	-

Downloads

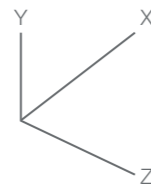
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

8way 2.8 SealStar F MCP CPA

PRODUCT NO.	807-871-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	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
<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)	ZVEI: TK31/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-871-521	A	black	-
807-871-522	B	nature	-

Downloads

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K



2.8 SealStar F Connector SLK

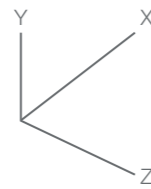
Characteristics

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

- » compliant with test specification ZVEI
- » watertight according to IPX7/IPX9K
- » single-wire sealing and robust radial sealing
- » CPA (Connector Positioning Assurance)
- » locking element either right or left of the protective shroud possible
- » completely pre-assembled

2way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-198-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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)	5.5 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE 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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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

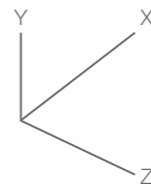
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-199-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE 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
<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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-199-521	A	nature	-

Downloads

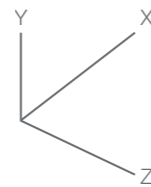
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-200-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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)	8.0 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-136-501 (180°) 707-137-501 (90°) 707-138-501 (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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-200-521	A	black	-
805-200-531	A	black	no CPA

Downloads

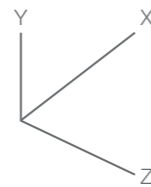
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 2.8 SealStar F SLK

PRODUCT NO.	805-219-...
GENDER	female (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100015-00 (n/a)



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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
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)	∅ 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)	ZVEI: TK31/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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

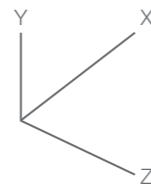
▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

5way 2.8 SealStar F SLK CPA

PRODUCT NO.	805-260-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-260-541	A	black	no CPA

Downloads

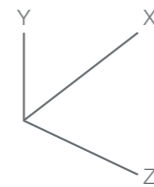
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

8way 2.8 SealStar F SLK

PRODUCT NO.	872-585-...
GENDER	female (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 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)	ZVEI: TK4/SG4 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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.

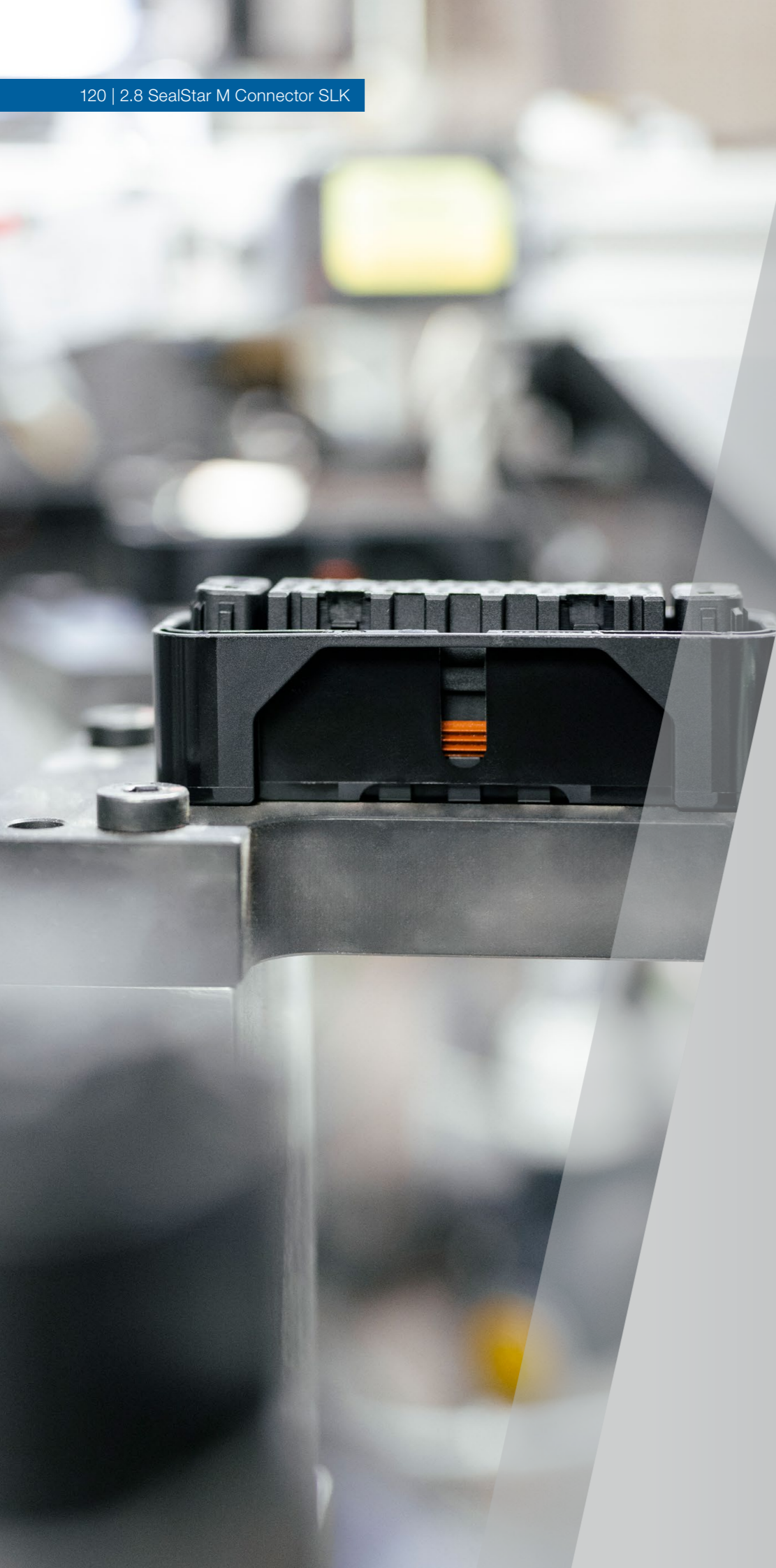
ORDER/ PRODUCT NO.	CODING	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
872-585-521	A	black	-

Downloads

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K



2.8 SealStar M Connector SLK

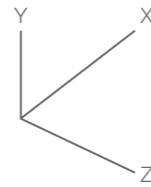
Characteristics

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

- » compliant with test specification ZVEI
- » watertight according to IPX7/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

8way 2.8 SealStar M SLK

PRODUCT NO.	872-586-...
GENDER	male (M)
PRODUCT SPECIFICATION	EPS-100028-02
PROCESS SPECIFICATION	EVS-100004-02



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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	872-585-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
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)	ZVEI: TK4/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

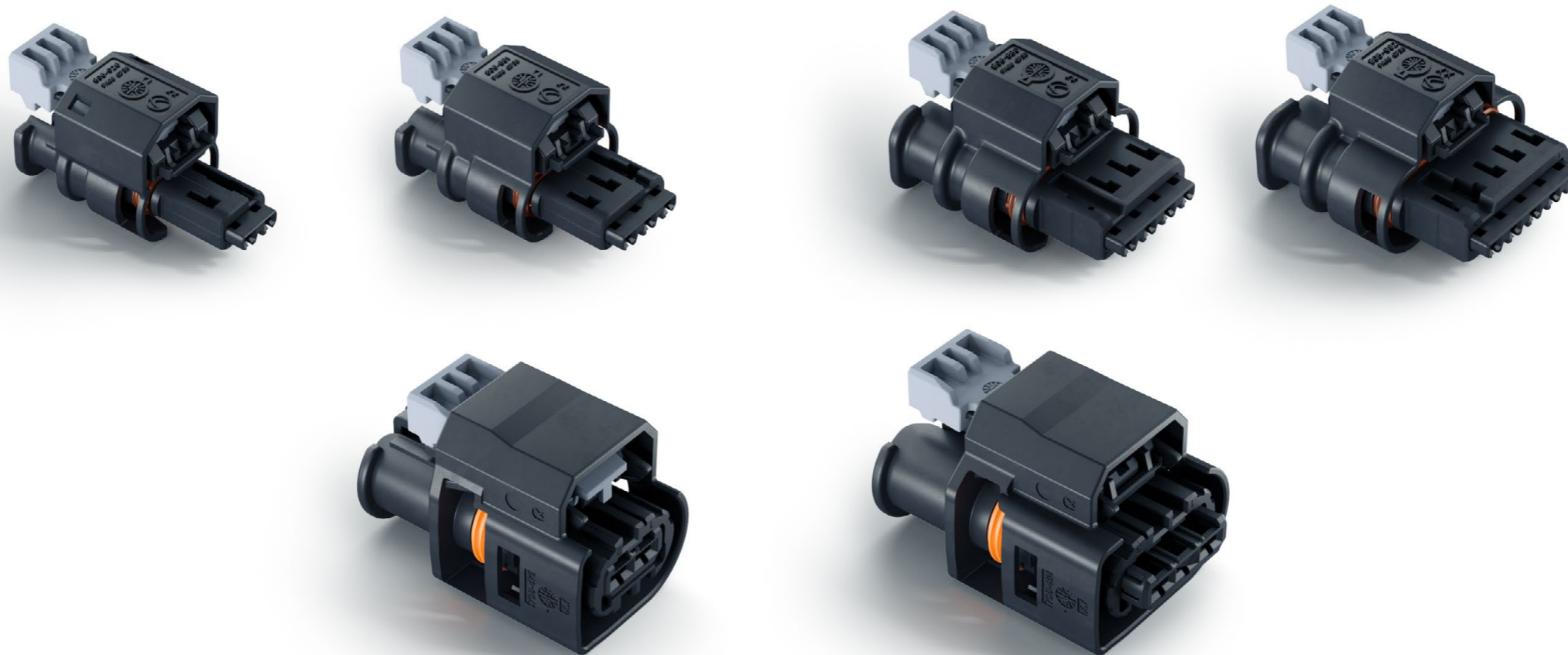
SealStar HMK Connector

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

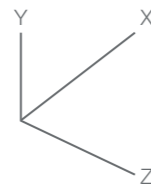
Characteristics

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

- » compliant with test specification ZVEI
- » watertight according to IPX7/IPX9K
- » patented Hirschmann Automotive solution (two-step plug-in process)
- » 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
- » convenient and secure connection with audible feedback of detent function

2way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-026-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-555-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-130-501 (180°) 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive GmbH 709-125-...00
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	ZVEI: TK4/SG6 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-026-541	A	black	-
806-026-542	B	nature	-

Downloads

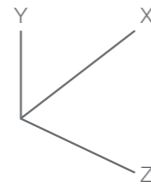
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

3way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-881-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-556-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-132-501 (180°) 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive GmbH 709-125-...00
CAVITY PLUG DIAMETER (ELA & ELB) <i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Ø 3.55 mm connector cavity Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	ZVEI: TK4/SG6 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-881-541	A	black	-

Downloads

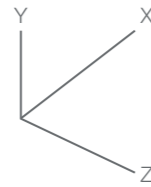
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-880-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-557-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-134-501 (180°) 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive GmbH 709-125-...00
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	ZVEI: TK4/SG6 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-880-541	A	black	-

Downloads

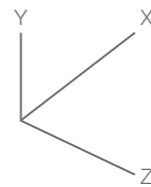
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

5way 1.2 SealStar F HMK CPA

PRODUCT NO.	805-992-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	806-974-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	707-136-501 (180°) 707-137-501 (90°) 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive GmbH 709-125-...00
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)	ZVEI: TK4/SG6 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
805-992-541	A	black	-

Downloads

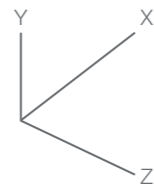
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ INTERFACE DRAWING
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

6way 1.2 SealStar F HMK CPA

PRODUCT NO.	806-524-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	806-641-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive GmbH 709-125-...00
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	ZVEI: TK4/SG6 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-524-... ³	A	black	-

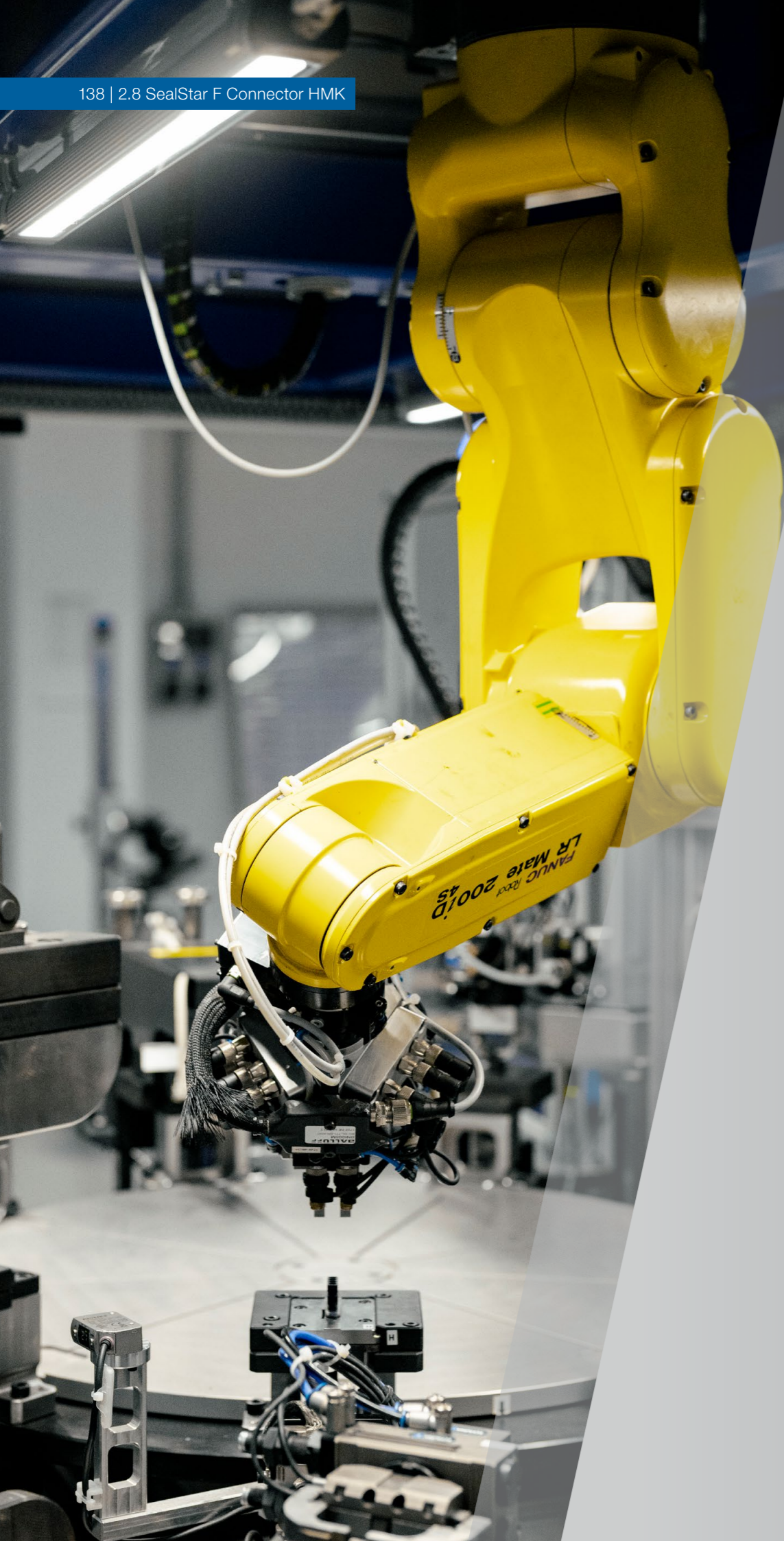
Downloads

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted



2.8 SealStar F Connector HMK

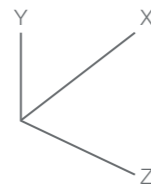
Characteristics

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

- » compliant with test specification ZVEI
- » watertight according to IPX7/IPX9K
- » patented Hirschmann Automotive solution (two-step plug-in process)
- » 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
- » convenient and secure connection with audible feedback of detent function

2way 2.8 SealStar F HMK CPA

PRODUCT NO.	807-827-...
GENDER	female (F)
PRODUCT SPECIFICATION	EPS-100102-02
PROCESS SPECIFICATION	EVS-100102-02



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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	9.5 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive GmbH 709-939-...
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
<i>No distribution via Hirschmann Automotive. Please contact supplier directly.</i>	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	ZVEI: TK4/SG6 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-827-... ³	A	black	-
807-827-... ³	B	nature	-

Downloads

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

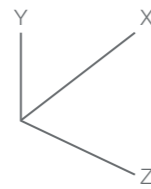
¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

3way 2.8 SealStar F HMK CPA

PRODUCT NO.	807-828-...
GENDER	female (F)
PRODUCT SPECIFICATION	EPS-100102-02
PROCESS SPECIFICATION	EVS-100102-02



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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	n/a at Hirschmann Automotive
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive GmbH 709-939-...
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)	ZVEI: TK4/SG6 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
807-828-... ³	A	black	-
807-828-... ³	B	nature	-

Downloads

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

¹ Tested with the temperature collective from LV124

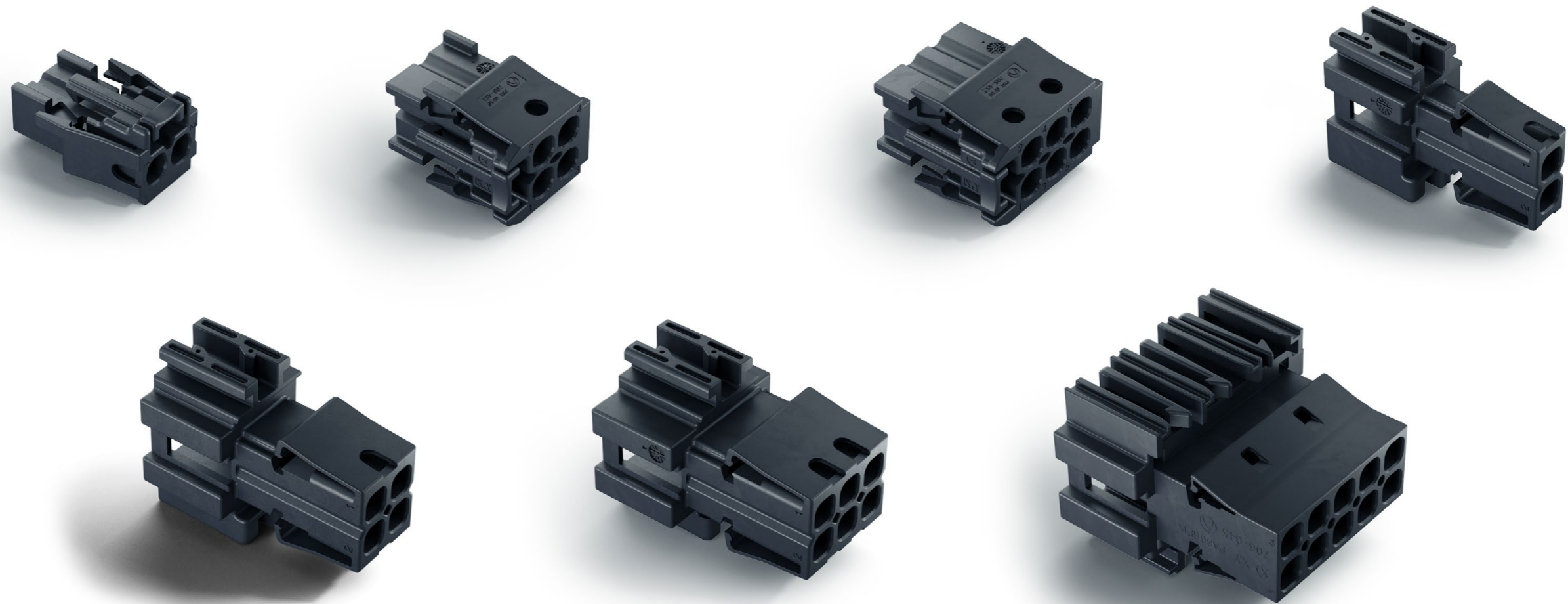
² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

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.





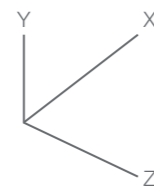
2.8 EasyConn Connector

Characteristics

- » compliant with test specification ZVEI
- » convenient and secure connection with audible detent function
- » compatible for 2.8 MCP, CTS and MAK contact systems
- » with EU-Clip available

2way 2.8 EasyConn F

PRODUCT NO.	706-450-...
GENDER	female (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
PITCH OF TERMINALS	6.0 mm
WIRE SIZE RANGE	max. 4.00 mm ²
SEALD APPLICATION	unsealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	706-650-..
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	not needed (unsealed application)
COMPATIBLE TERMINAL SYSTEM	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)	not needed (unsealed application)

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)	ZVEI: TK2!/SG1 USCAR2: S1
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
706-450-511	A	black	-
706-450-512	B	nature	-
706-450-513	C	light blue	-
706-450-514	D	claret violet	-
706-450-515	E	may green	-

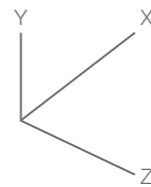
Downloads

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

¹ Tested with the temperature collective from LV124

4way 2.8 EasyConn F

PRODUCT NO.	706-451-...
GENDER	female (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
PITCH OF TERMINALS	6.0 mm
WIRE SIZE RANGE	max. 4.00 mm ²
SEALD APPLICATION	unsealed
CODING OF ARTICLE	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)	3.7 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	706-651-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	not needed (unsealed application)
COMPATIBLE TERMINAL SYSTEM	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)	not needed (unsealed application)

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)	ZVEI: TK2!/SG1 USCAR2: S1
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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	COLOR CONTACT CARRIER	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	-

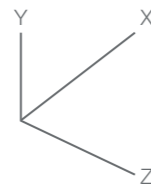
Downloads

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

¹ Tested with the temperature collective from LV124

6way 2.8 EasyConn F

PRODUCT NO.	706-452-...
GENDER	female (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
PITCH OF TERMINALS	6.0 mm
WIRE SIZE RANGE	max. 4.00 mm ²
SEALD APPLICATION	unsealed
CODING OF ARTICLE	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 CONNECTOR	706-652-..
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	not needed (unsealed application)
COMPATIBLE TERMINAL SYSTEM	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)	not needed (unsealed application)

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)	ZVEI: TK2!/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	2,500 pcs
PACKAGING WEIGHT	13.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	COLOR CONTACT CARRIER	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	-

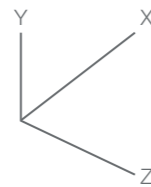
Downloads

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

¹ Tested with the temperature collective from LV124

2way 2.8 EasyConn M

PRODUCT NO.	706-650-...
GENDER	male (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
PITCH OF TERMINALS	6.0 mm
WIRE SIZE RANGE	max. 4.00 mm ²
SEALD APPLICATION	unsealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	706-450-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	not needed (unsealed application)
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)	ZVEI: TK2!/SG1 USCAR2: S1
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
706-650-511	A	black	-
706-650-512	B	nature	-
706-650-513	C	light blue	-
706-650-514	E	may green	-

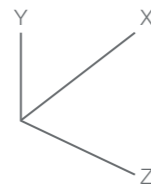
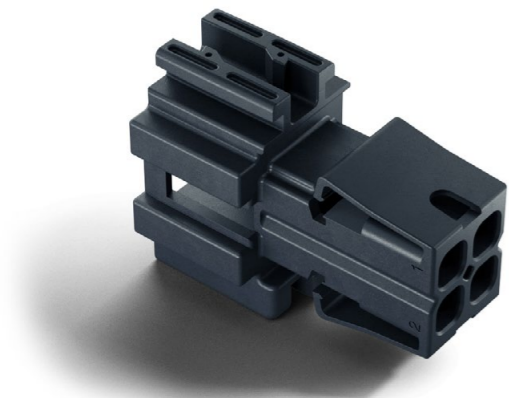
Downloads

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

¹ Tested with the temperature collective from LV124

4way 2.8 EasyConn M

PRODUCT NO.	706-651-...
GENDER	male (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
PITCH OF TERMINALS	6.0 mm
WIRE SIZE RANGE	max. 4.00 mm ²
SEALD APPLICATION	unsealed
CODING OF ARTICLE	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)	5.34 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	706-451-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	not needed (unsealed application)
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)	ZVEI: TK2!/SG1 USCAR2: S1
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
706-651-511	A	black	-
706-651-512	B	nature	-
706-651-513	C	light blue	-
706-651-514	D	claret violet	-
706-651-515	E	may green	-

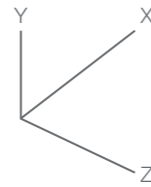
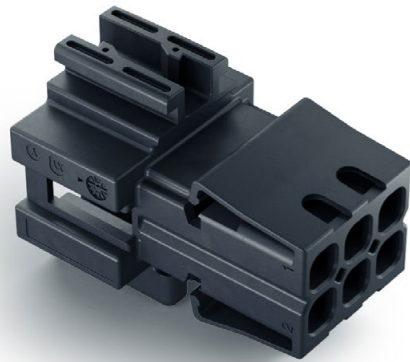
Downloads

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

¹ Tested with the temperature collective from LV124

6way 2.8 EasyConn M

PRODUCT NO.	706-652-...
GENDER	male (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
PITCH OF TERMINALS	6.0 mm
WIRE SIZE RANGE	max. 4.00 mm ²
SEALD APPLICATION	unsealed
CODING OF ARTICLE	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)	7.3 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	706-452-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	not needed (unsealed application)
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)	ZVEI: TK2!/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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
706-652-511	A	black	-
706-652-512	B	nature	-
706-652-513	C	light blue	-
706-652-514	B	nature	-

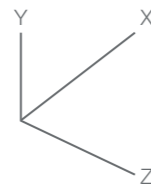
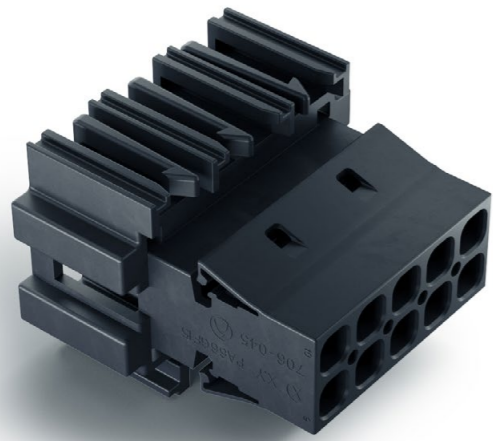
Downloads

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

¹ Tested with the temperature collective from LV124

10way 2.8 EasyConn M

PRODUCT NO.	706-045-...
GENDER	male (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
PITCH OF TERMINALS	6.0 mm
WIRE SIZE RANGE	max. 4.00 mm ²
SEALD APPLICATION	unsealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	705-489...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	not needed (unsealed application)
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)	ZVEI: TK2!/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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
706-045-514	D	claret violet	-
706-045-515	E	may green	-

Downloads

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

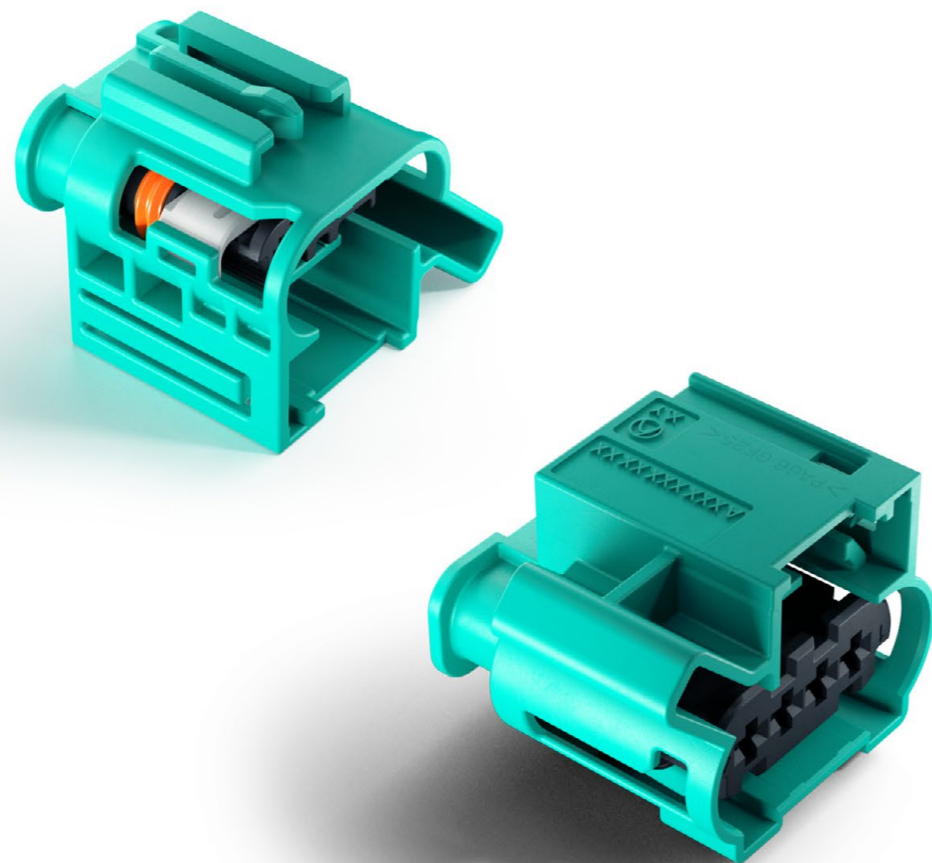
¹ Tested with the temperature collective from LV124

Service Disconnect

Introduction

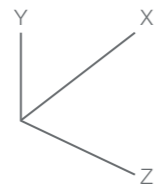
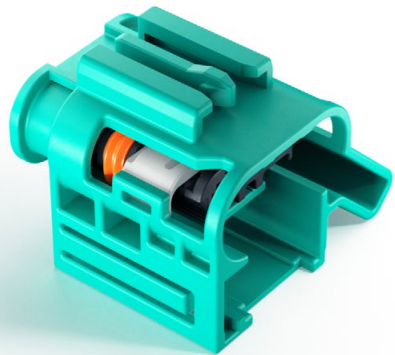
The SealStar Service Disconnect connector impresses with its function, compact design, and robustness.

With an innovative mechanism, this connector enables effortless disconnection in case of maintenance and thus prevents unintentional activations.



4way 1.2 Service Disconnect F

PRODUCT NO.	806-820-...
GENDER	female (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	806-821-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
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
<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)	ZVEI: TK31/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-820-541	A	turquoise green	-

Downloads

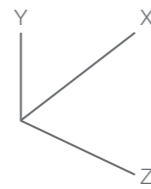
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 1.2 Service Disconnect M

PRODUCT NO.	806-821-...
GENDER	male (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
PITCH OF TERMINALS	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.6 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	806-820-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
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)	ZVEI: TK31/SG3 USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
806-821-541	A	black	-

Downloads

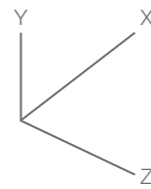
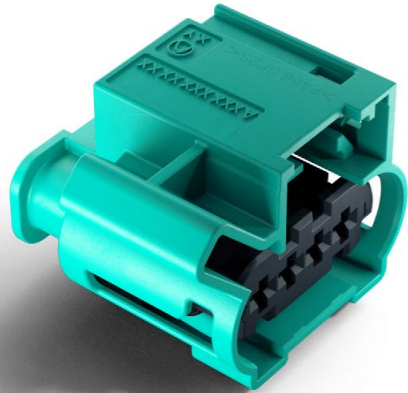
- ▶ PRODUCT SPECIFICATION
- ▶ PROCESS SPECIFICATION
- ▶ SYSTEM DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

4way 2.8 Service Disconnect F

PRODUCT NO.	809-322-...
GENDER	female (F)
PRODUCT SPECIFICATION	EPS-100104-01 (n/a)
PROCESS SPECIFICATION	EVS-100104-01 (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL 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 CONNECTOR	809-321-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8
<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)	ZVEI: TK2 ¹ USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-322-... ³	A	turquoise green	-

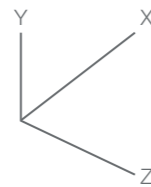
¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

4way 2.8 Service Disconnect M

PRODUCT NO.	809-321-...
GENDER	male (M)
PRODUCT SPECIFICATION	EPS-100104-01 (n/a)
PROCESS SPECIFICATION	EVS-100054-01 (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
PITCH OF TERMINALS	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALD APPLICATION	sealed
CODING OF ARTICLE	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 COMPATIBEL TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g

MATCHING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE CONNECTOR	809-322-...
MATCHING HIRSCHMANN AUTOMOTIVE PROTECTIVE CAP	n/a at Hirschmann Automotive
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)	ZVEI: TK2 ¹ USCAR2: S2 IP-Code: IPX7 / IPX9K ²
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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	COLOR CONTACT CARRIER	FEATURE AND ADDITIONAL INFORMATION
809-321-... ³	A	black	-

¹ Tested with the temperature collective from LV124

² Protective Cap recommended for IPX9K

³ On request: OEM specific designs/restricted

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 they close entirely. This saves 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 1.2 and 2.8 SealStar as well as 1.2 SealStar HMK connectors.





Protective Caps


Characteristics

- » ergonomically shaped protective caps for optimal installation
- » intuitive assembling
- » the same dress covers is compatible with multiple connectors
- » monobloc protective caps with film hinge
- » suitable for high pressure and steam cleaning according to IPX9K
- » temperature resistance: -40° C to +140° C (objective: up to +150° C)

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	1.2 SealStar ¹	2.8 SealStar ¹	1.2 SealStar HMK ¹
	707-130-501	180°	4.5	2way 805-120-... ² 2way 872-857-... ²	-	2way 806-026-... ²
	707-131-501	90°	4.5	2way 805-120-... ² 2way 872-857-... ²	-	2way 806-026-... ²
	707-132-501	180°	4.5	3way 805-121-... ² 3way 872-858-... ² 3way 872-597-... ²	2way 807-872-... ² 2way 805-198-... ²	3way 806-881-... ²
	707-133-501	90°	4.5	3way 805-121-... ² 3way 872-858-... ² 3way 872-597-... ²	2way 807-872-... ² 2way 805-198-... ²	3way 806-881-... ²
	707-134-501	180°	4.5	4way 805-122-... ² 4way 872-859-... ²	3way 807-873-... ² 3way 805-199-... ²	4way 806-880-... ²
	707-135-501	90°	4.5	4way 805-122-... ² 4way 872-859-... ²	3way 807-873-... ² 3way 805-199-... ²	4way 806-880-... ²
	707-136-501	180°	4.5	5way 805-123-... ² 5way 872-860-... ²	4way 807-874-... ² 4way 805-200-... ²	5way 805-992-... ²
	707-137-501	90°	4.5	5way 805-123-... ² 5way 872-860-... ²	4way 807-874-... ² 4way 805-200-... ²	5way 805-992-... ²
	707-138-501	90°	7.5	5way 805-123-... ² 5way 872-860-... ²	4way 807-874-... ² 4way 805-200-... ²	5way 805-992-... ²

¹ Matching Hirschmann Automotive Connector Order/Product No.² More details in our product specific SealStar flyers

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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