



**GENERAL TOLERANCES FOR UNTOLERATED DIMENSIONS:**

1. ANGLE-DIMENSIONS (°)  
TOLERANCE FOR ALL ANGLE-DIMENSIONS: ±2°

2. RADII: (mm)

≤ 0.2	0.2 - 0.3	0.3 - 0.4	0.4 - 0.5	0.5 - 1	1 - 2
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3. DISTANCE-DIMENSIONS: DIN 2768-mH

4. GENERAL TOLERANCE FOR SYMMETRY: ±0.2

**CONNECTOR KEY-FACTS:**

CONTACT CHAMBER:	1-3
CONTACT SYSTEM:	2.8x0.8
MAX. WSR [mm²]:	2.50
MAX. ISO-Ø [mm]:	MAX. INSULATION DIAMETER FOR 2.8: SEE RELEASED CONTACT DRAWING
MAX. CHAMBER-Ø [mm]:	Ø5.18
WATER TIGHTNESS (IP-CODE) ACC ISO 20653:	IPX7/IPX9K
WATER TIGHTNESS ACC LV214: 2010-04:	PG23 (INCL. PROTECTION CAP AT IPx9k)
DYNAMIC LOAD ACC LV214: PG17 2010-04:	SG4
TEMPERATURE AREA (1000h) ACC LV214: PG21 2010-04:	SURFACE: Ag
FLAME RESISTANCE ACC UL94 (ACC. DATA SHEET):	-40°C / +125°C
	HB (1.6mm WALL THICKNESS)

**ADDITIONAL VALID DOCUMENTS:**

	HA NUMBER:
MATCHING TO INTERFACE CONNECTION:	808-169-...00
MATCHING CONTACT CHAMBER:	...
MATCHING TERMINAL:	TE DRAWING C-1355036
MATCHING TERMINAL (OPTIONAL):	...
MATCHING PROTECTION CAP:	...
MATCHING COUNTERPART HIRSCHMANN:	...
PRODUCT SPECIFICATION:	EPS-100100-00
PROCESSING SPECIFICATION:	EVS-100100-00
D-VALIDATION PLAN (FIRST RELEASE):	DVP-100190-00
SPECIFICATION:	EPH-100017-00

- COMMENTS:**
1. CODING A IS SHOWN
  2. DELIVERY STATUS AS DRAWN AS BULK GOOD
  3. ENGLISH TEXT IS VALID
  4. MISSING DIMENSIONS SEE CAD-MODEL. THEREFORE THE GENERAL-TOLERANCES ARE VALID
  5. DESIGN DEVIATIONS COMPARED WITH DETAIL DRAWINGS ARE INSIGNIFICANT. THE DETAIL DRAWINGS ARE VALID.
  6. PART CORRESPONDS TO EU SCRAP CAR GUIDELINE 2000/53/EG
  7. CHANGES BASED ON TECHNICAL PROGRESS ARE IN THE DECISION OF THE MANUFACTURER! DETAILS OF IMPLEMENTATION ARE LEFT TO MANUFACTURER.
  8. MAX. 30% REGRAIND PERMITTED
  9. PART IDENTIFICATION SIMILAR DIN 1451
  10. DRAFT ANGLE WITHIN TOLERANCE.
  11. MAX. SPLIT LINE 0.2
  12. MAX. BURR 0.3
  13. IN AREA OF TPA CONNECTION IT CAN TURNED INTO A SUPERFICIAL STRUCTURE CHANGE WITH NO EFFECT ON THE FUNCTION.
14. CHANGE OF THE SURFACE IS ALLOWED IN THE MARKED AREA

807-873-512	B	B	NATURE	
807-873-511	B	A	BLACK, SIMILAR RAL9011	
PART NUMBER:	REVISION:	CODING:	COLOR CONTACT CARRIER:	COMMENT:
HIRSCHMANN AUTOMOTIVE				

POS.	COUNT:	DESCRIPTION:	MATERIAL:	COLOR:	COMMENT:
1	1	CONTACT CARRIER	PA66-GF25	ACC TABLE	
2	1	RADIAL LIP SEAL	LSR 50-A	TOMATO RED, SIMILAR RAL3013	
3	1	PROTECTIVE SHROUD	PA66-GF25	BLACK SIMILAR RAL9011	
4	1	CPA	PA66-GF25	GREY SIMILAR RAL7035	

00	Ersterstellung / Initial edition	16.02.2022	BAK
Version	Num.	Description of alteration	Date
Test instructions			
Shop state	Material	Final state	Stock weight
			Disc
Material-No.	Tolerances	EN ISO 8015	Surface
		DIN ISO 13715	Geometric tolerances
		ISO 1101	Units
		ISO 1101	Scale
Drawn	Date	Checked	Released
18.02.2022	H. KIRCH	01.03.2022	T. BURK
3way 2.8 SealStar F Connector			
HIRSCHMANN AUTOMOTIVE			
Drawing - No. 807-873-...00			
Drawing - No. 807-873-...00			
Drawing - No. 807-873-...00			