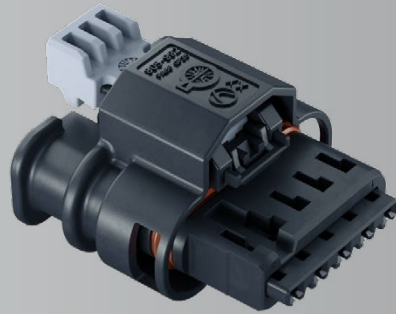


1.2 SealStar F Connector HMK

Maximum Vibration Resistance, Watertight
& Performs under Extreme Conditions



HIRSCHMANN
AUTOMOTIVE

DRIVEN BY QUALITY AND INNOVATION

This connector is engineered for extreme conditions and combines patented high-performance contact systems with maximum vibration resistance. Designed to meet the highest standards, it offers maximum vibration resistance and watertight performance, ensuring reliability in the most extreme conditions.



Characteristics:

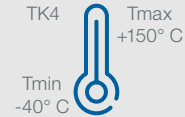
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

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

TECHNICAL PRODUCT INFORMATION

| | |
|---------------------------------|--|
| TYPE OF PRODUCT | housing for female terminal (F) |
| TERMINAL BLADE SIZE | 1.2 mm |
| NUMBER OF PINS | 2 to 6way |
| CENTERLINE OF TERMINALS (Pitch) | 4.0 mm |
| WIRE SIZE RANGE | max. 1.00 mm ² |
| SEALED APPLICATION | sealed |
| TERMINALS/CONTACTS | 1.2 Terminal HMK F (Hirschmann Automotive GmbH) |

TEMPERATURE

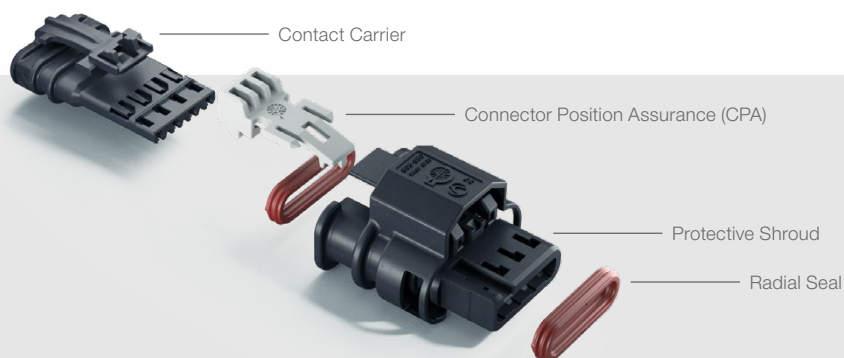


VIBRATION



SEALED PROTECTION

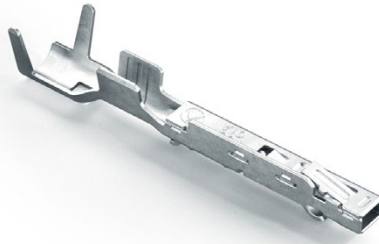
D4¹
S2 V S3¹
IPx8/IPx9K¹



¹ Protective Cap recommended

KEY FEATURES ON CONTACT

- patented two-step plug-in process
- minimum resistance across contacts
- high level of contact normal force
- maximum vibration resistance



| ORDER/PRODUCT NO. | PLATING | WIRE SIZE RANGE |
|-------------------|---------|----------------------------|
| 709-125-501 | Ag | 0.75, 1.00 mm ² |
| 709-125-502 | Ag | 0.5 mm ² |
| 709-125-503 | Ag | 0.22, 0.35 mm ² |

PRODUCT VARIANTS: FEMALE HOUSING

| NUMBER OF PINS | TYPE OF PRODUCTS | NUMBER OF TERMINAL ROWS | CPA | ORDER/PRODUCT NO. | CODING OF PRODUCTS | NEUTRAL PLUG SOCKET INTERFACE |
|----------------|------------------|-------------------------|----------|-------------------|--------------------|-------------------------------|
| 2 | F | 1 | with CPA | 806-026-541 | A, B | 872-975-...00 |
| 3 | F | 1 | with CPA | 806-881-541 | A | 872-975-...00 |
| 4 | F | 1 | with CPA | 806-880-541 | A | 872-975-...00 |
| 5 | F | 1 | with CPA | 805-992-541 | A | 872-975-...00 |
| 6 | F | 1 | with CPA | 806-524-...* | A | 872-975-...00 |



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