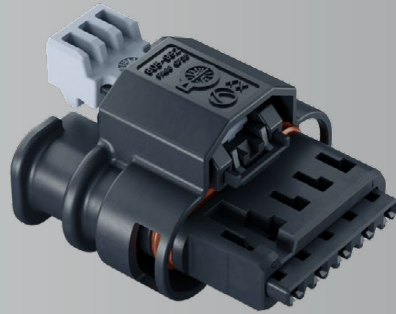


1.2 SealStar F Connector HMK

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:

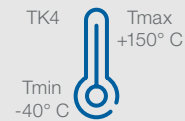
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- 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

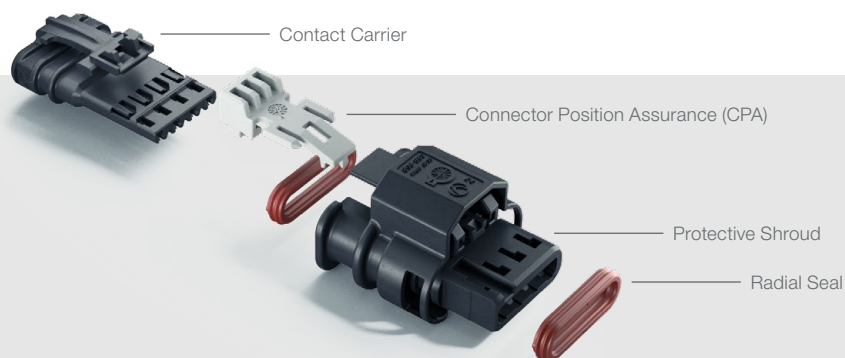


VIBRATION



SEALED PROTECTION

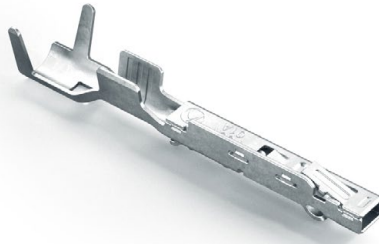
D4¹
S2 V S3¹
IPx8/IPx9K¹



¹ Protective Cap recommended

KEY FEATURES ON CONTACT

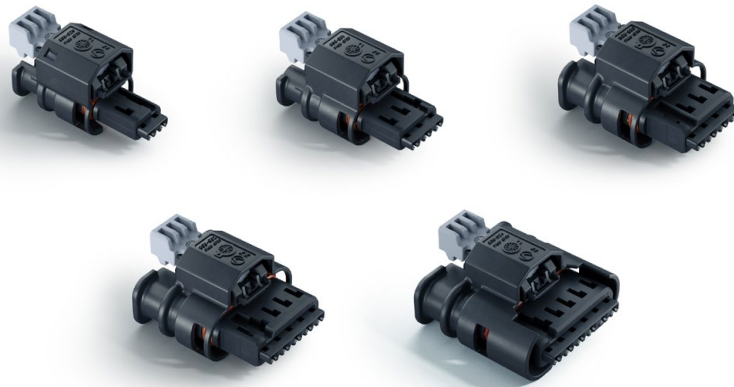
- patented two-step plug-in process
- minimum resistance across contacts
- high level of contact normal force
- maximum vibration resistance



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



**Johannes Ulrich is your Contact
for Individual Questions**

Global Product Manager Low Voltage

+43 5522 307 1096

+43 664 386 58 60

johannes.ulrich@hirschmann-automotive.com

Hirschmann Automotive GmbH

Oberer Paspelsweg 6–8
6830 Rankweil, Austria

www.hirschmann-automotive.com
shop.hirschmann-automotive.com

