

2.8 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:

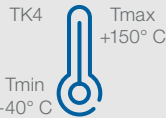
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- 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 2.8 interface 808-169...00
- patented Hirschmann Automotive solution (two-step plug-in process)
- primary and secondary locking

TECHNICAL PRODUCT INFORMATION

TYPE OF PRODUCT	housing for female terminal (F)
TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2 to 3way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm ²
SEALED APPLICATION	sealed
TERMINALS/CONTACTS	2.8 Terminal HMK F (Hirschmann Automotive GmbH)

TEMPERATURE

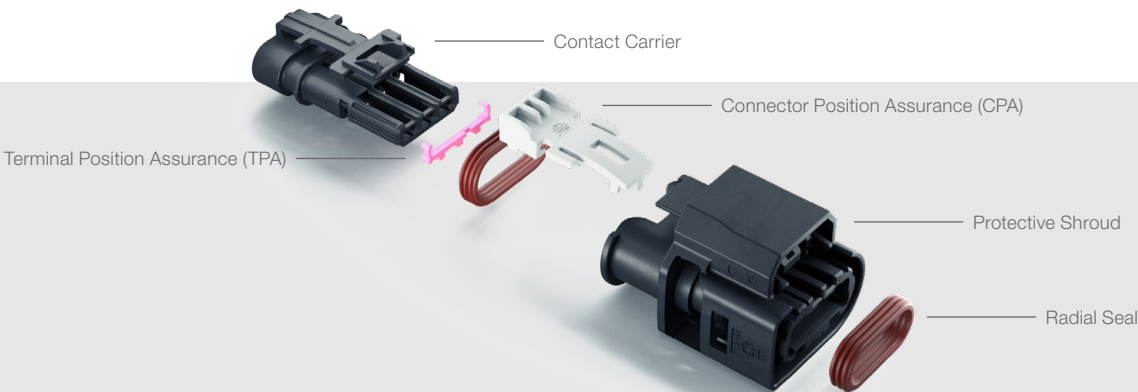


VIBRATION



SEALED PROTECTION

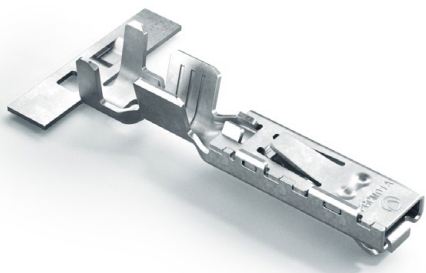
D4¹
S2 V S3¹
IPx8/IPx9K¹



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
709-939-504	Ag	0,5 mm ²
709-939-503	Ag	0,75, 1,00 mm ²
709-939-502	Ag	1,5 mm ²
709-939-501	Ag	2,5 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	807-827-...	A, B	808-169-...00
3	F	1	with CPA	807-828-...	A, B	



**Johannes Ulrich is your Contact
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