

0.63 SealStar F Connector

Extremely Compact Design,
Completely Watertight & Robust



HIRSCHMANN
AUTOMOTIVE

DRIVEN BY QUALITY AND INNOVATION

Lightweight designs and efficiency are calling for even smaller components. The SealStar housings are a robust and top-performing generation of connectors with minimum space requirements.

Renowned OEMs and their system manufacturers were involved in the development process. The innovative design of the housings makes them compatible for the use with a range of different contacts.



Characteristics:


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

- compliant with test specification LV214 / partially USCAR2
- 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
- compact design
- primary and secondary locking

TECHNICAL PRODUCT INFORMATION


TYPE OF PRODUCT	housing for female terminal (F)
TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	2 to 12way
CENTERLINE OF TERMINALS (Pitch)	3.1 to 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm ²
SEALED APPLICATION	sealed
TERMINALS/CONTACTS	TE Connectivity: MQS 0.63 C-929454 (drawing)

TEMPERATURE

TK3 (Ag)  Tmax +125° C

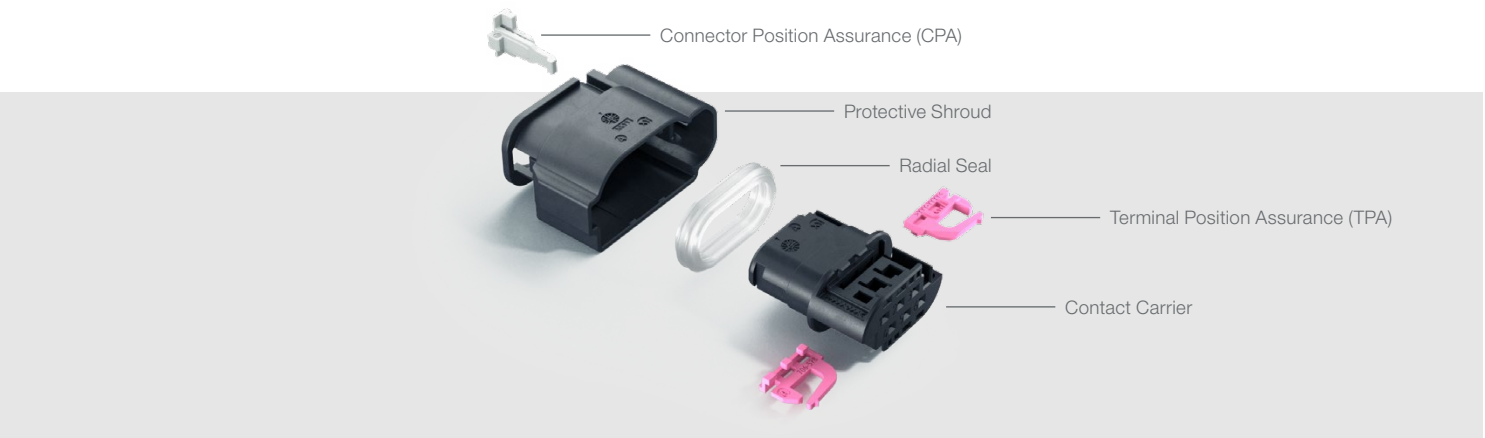
Tmin -40° C

VIBRATION

 SG 3 (Ag)

SEALED PROTECTION

D4¹
S2 V S3¹
IPx8/IPx9K¹ 



¹ Protective Cap recommended

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	without CPA	809-109-541	A, B, C	
2	F	1	with CPA	810-650-521	A, B, C	TE 114-18063-122
3	F	2	without CPA	809-315-541	A, B, C, E	TE 114-18063-123
3	F	2	with CPA	810-651-521	A, B, C	TE 114-18063-13
4	F	2	without CPA	810-284-...	-	TE 114-18063-124
4	F	2	with CPA	810-652-521	A, B	
6	F	2	without CPA	809-140-541	A, B, Z	TE 114-18063-126
6	F	2	with CPA	809-140-...	-	
8	F	2	without CPA	810-658-...	-	
10	F	2	with CPA	712-726-...	A	
12	F	2	without CPA	810-659-...	-	



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