

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:

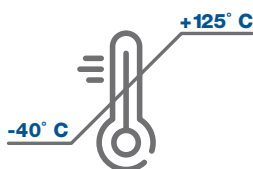
The variable-designed housings withstand high thermal and dynamic loads. In addition, they combine the following benefits:

- compliant with test specification LV214 / partially USCAR2
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Positioning Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- compact design
- primary and secondary locking

TECHNICAL PRODUCT INFORMATION

CAVITIES	2 to 12way
TERMINALS/CONTACTS	MQS 0.63 (TE Connectivity)
PITCH	3.1 to 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm ²
LV214 or TLF0214	TK3 ¹ /SG3
USCAR2	S2 v S3 ²
IP-CODE	IPx8/IPx9K ²

TEMPERATURE RANGE



VIBRATION



PRODUCT VARIANTS: FEMALE HOUSING



2WAY

	WITHOUT CPA	WITH CPA
NUMBER OF PINS	2	2
NUMBER OF TERMINAL ROWS	1	1
STANDARD PRODUCT	yes	yes
CODING OF PRODUCT	A	A
OTHER CODINGS AVAILABLE	B, C	B, C
ORDER/PRODUCT NO.	809-109-541	810-650-521



3WAY

	WITHOUT CPA	WITH CPA
NUMBER OF PINS	3	3
NUMBER OF TERMINAL ROWS	2	2
STANDARD PRODUCT	yes	yes
CODING OF PRODUCT	A	A
OTHER CODINGS AVAILABLE	B, C, E	B, C
ORDER/PRODUCT NO.	809-315-541	810-651-521



4WAY

	WITHOUT CPA	WITH CPA
NUMBER OF PINS	4	4
NUMBER OF TERMINAL ROWS	2	2
STANDARD PRODUCT	no	yes
CODING OF PRODUCT	A	A
OTHER CODINGS AVAILABLE	-	B
ORDER/PRODUCT NO.	810-284-...	810-652-521



6WAY

	WITHOUT CPA	WITH CPA
NUMBER OF PINS	6	6
NUMBER OF TERMINAL ROWS	2	2
STANDARD PRODUCT	yes	no
CODING OF PRODUCT	A	A
OTHER CODINGS AVAILABLE	B, Z	-
ORDER/PRODUCT NO.	809-140-541	809-140-...



8WAY

	WITHOUT CPA
NUMBER OF PINS	8
NUMBER OF TERMINAL ROWS	2
STANDARD PRODUCT	no*
CODING OF PRODUCT	A
ORDER/PRODUCT NO.	810-658-...



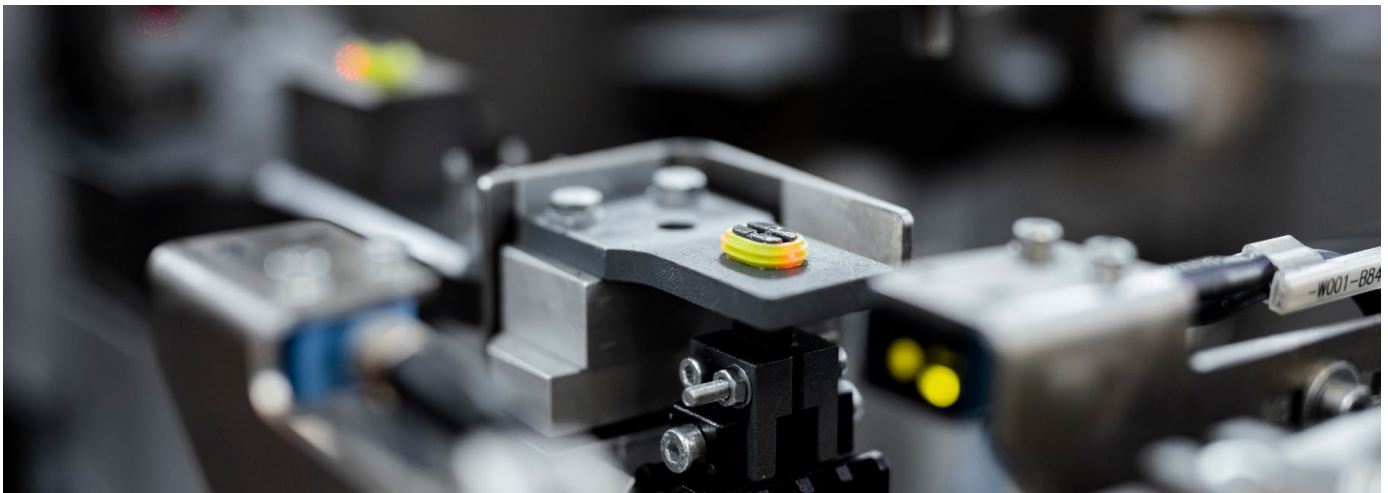
10WAY

	CPA
NUMBER OF PINS	10
NUMBER OF TERMINAL ROWS	2
STANDARD PRODUCT	no
CODING OF PRODUCT	A
ORDER/PRODUCT NO.	812-726-...



12WAY

	WITHOUT CPA
NUMBER OF PINS	12
NUMBER OF TERMINAL ROWS	2
STANDARD PRODUCT	no
CODING OF PRODUCT	A
ORDER/PRODUCT NO.	810-659-...



¹ Tested with the temperature collective from LV124

² Protective Cap recommended

SEEKING MORE DETAILED INFORMATION?
SCAN ME AND VISIT OUR WEBSITE.



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

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