

1.2 SealStar M 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 housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:


- compliant with test specification LV214 & TLF0214 & USCAR2
- watertight according to IPx8/IPx9K
- single-wire sealing
- completely pre-assembled product
- available options: without clip, small clip (single clip), or configurations with one clip in accordance with USCAR11 or USCAR7
- primary and secondary locking

TECHNICAL PRODUCT INFORMATION

TYPE OF PRODUCT	housing for male terminal (M)
TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2 to 16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.00 mm ²
SEALED APPLICATION	sealed
TERMINALS/CONTACTS	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)

TEMPERATURE

up to TK4 T_{max} +150° C
T_{min} -40° C



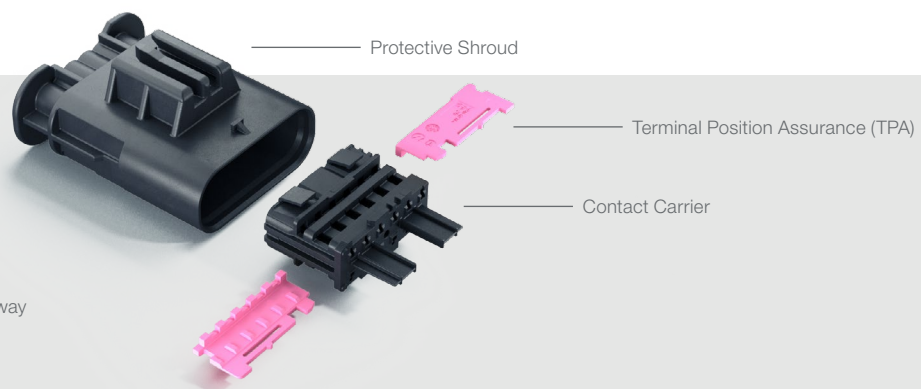
VIBRATION

up to SG4 up to V3



SEALED PROTECTION

D4¹
S2 V S3¹
IPx8/IPx9K¹

Technical design applies only to 1.2 SealStar M Connector 12way and 16way

¹ Protective Cap recommended

PRODUCT VARIANTS: MALE HOUSING

NUMBER OF PINS	TYPE OF PRODUCTS	NUMBER OF TERMINAL ROWS	FEATURES	ORDER/PRODUCT NO.	CODING OF PRODUCTS	NEUTRAL PLUG SOCKET INTERFACE
2	M	1	clip small (single clip)	809-555-521	A, B	
2	M	1	clip USCAR11	809-604-523	A, B	
3	M	1	clip small (single clip)	809-556-521	A	
4	M	1	clip small (single clip)	809-557-541	A, B, C	872-975-...00
5	M	1	clip small (single clip)	806-974-511	A, B	
6	M	1	clip small (single clip)	806-614-521	A	
8	M	1	clip small (single clip)/clip USCAR11	809-560-521	A, B	
12	M	2	clip small (single clip)/clip USCAR11	813-442-501	A, B	808-183-...00
16	M	2	clip small (single clip)/clip USCAR11	813-377-501	A, B	



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