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## SealStar 1.2 mm

**Completely Watertight Connectors,  
Robust and Compact**





Product Overview SealStar 1.2 mm

Lightweight designs and efficiency are calling for ever smaller components. The development of SealStar housings lays the foundation for a compact, robust, and watertight generation of connectors, without compromising on performance. The housings were designed in collaboration with renowned OEMs and their system manufacturers. The innovative design of the housings makes them compatible for use with a range of different contacts.

In addition to being able to withstand high thermal and dynamic loads, the variable housings boast a number of other positive features:

- compliant with test specification LV 214
- watertight in accordance with IPX9K/PG 23 (LV 214)
- design according to VDA guidelines
- single-wire sealing and robust radial sealing
- primary and secondary retainer
- vibration-resistant design
- Connector Positioning Assurance (CPA)
- different color and mechanical codings
- convenient and secure connection with audible detent function
- locking device either right or left of the plug collar
- compact design
- completely pre-assembled
- validated according to USCAR-2 (2 and 3 way)

Key Facts on Housing

Cavities:

female:  
2 to 8 way (single row)  
4 to 12 way and 16 way (double row)  
male:  
2 to 8 way (single row)  
8, 12 and 16 way (double row)  
(further cavities on request)

Cable outlet:  
Contacts:

180°  
MCON: 1.2 mm  
MLK: 1.2 mm

Pitch:  
Temperature range:  
Wire size range:

4.0 mm  
–40°C to +150°C  
0.22 to 1.0 mm<sup>2</sup>



Pin housing (single row)		
Cavities	Coding	Order number
2	A	872-863-561
	B	872-863-562
	A	872-863-566
3	A	872-658-521
	B	872-658-522
4	C	872-617-563
5	A	806-974-... <sup>4)</sup>
6	A	806-614-... <sup>4)</sup>
8	A	872-555-521



Pin housing (double row)		
Cavities	Coding	Order number
12	A	805-344-... <sup>4)</sup>
16	A	805-588-... <sup>4)</sup>



Socket housing with CPA (single row)		
Cavities	Coding	Order number
2	A	805-120-581
	B	805-120-582
	A	805-120-526 <sup>2)</sup>
	B	805-120-528 <sup>2)</sup>
3	A	805-121-581
	B	805-121-582
	C	805-121-583
	Z	805-121-525
4	A	805-122-541
	B	805-122-542
5	B	805-123-542
6	A	805-124-... <sup>4)</sup>
8	A	805-125-... <sup>4)</sup>



Socket housing with CPA (double row)		
Cavities	Coding	Order number
4	A	807-550-... <sup>4)</sup>
6	A	807-551-... <sup>4)</sup>
8	A	805-031-551
	B	805-031-552
10	A	807-602-... <sup>4)</sup>
	A	806-344-541
12	B	806-344-542
	A	805-587-541
16	A	805-587-545 <sup>2)</sup>



Socket housing without CPA (single row)		
Cavities	Coding	Order number
2	A	872-857-561
	B	872-857-562
	C	872-857-563
	A	872-857-565 <sup>2)</sup>
3	A	872-858-541
	B	872-858-542
	A	872-858-546 <sup>2)</sup>
4	B	872-859-... <sup>4)</sup>
5	A	872-860-541
	A	872-860-546 <sup>2)</sup>
6	A	872-861-... <sup>4)</sup>
8	A	872-862-521 <sup>3)</sup>



Socket housing without CPA (double row)		
Cavities	Coding	Order number
8	A	805-031-541
	B	805-031-542
16	B	805-587-... <sup>4)</sup>

**Also available**  
<sup>1)</sup> With closed chamber.  
<sup>2)</sup> With protective collar rotated 180°.  
<sup>3)</sup> Other versions with Kojiri.

**On request**  
OEM-specific designs  
<sup>4)</sup> Neutral options.