



SealStar 1.2 mm

**Absolutely watertight connectors,
robust and compact**



**HIRSCHMANN
AUTOMOTIVE**

Product overview SealStar 1.2 mm

Lightweight design and efficiency requires miniaturization! The designing of the SealStar-Housing laid the foundation for a compact, robust and watertight generation of connectors without giving up on performance features. The design process was accomplished with well-known OEMs as well as their system manufacturers. The demands of future automotive generations provided the basis.

The variably designed housing family is characterized by high thermal and dynamic forces and distinguishes itself by further positive features:

- Fulfilment of AK-test-specification according to LV-214
- Waterproof according to IPX9K
- Design according to VDA Test Guideline for Automotive Connectors
- Single-wire sealing and robust radial sealing
- First and second contact locking
- Vibration-resistant design
- CPA (Connector Positioning Assurance)
- Different colors and mechanic keyings
- Convenient and safe plugging up to a hearable locking
- Locking device either right or left of the connector housing
- Compact design
- Completely preassembled
- Validation according to USCAR-2 (completed by the end of 2016)

Housing

Cavities:	2- to 8-pins (single-row) 4- to 12- and 16-pins (double-row) further cavities on request!
Cable outlet:	180°
Contacts:	MCON 1.2 mm MLK 1.2 mm
Grid:	4.0 mm
Temperature range:	-40 °C until +150 °C
Wire size range:	0.22 until 1.0 mm ²



Socket housing with CPA (single-row)

Cavities	Color	Keying	Purchase order number
2	sw	A	805-120-521
	nf	B	805-120-522
	cg	A	805-120-527 ²⁾
	lb	C	805-120-...
	vl	D	805-120-...
	wb	Z	805-120-...
3	sw	A	805-121-521
	nf	B	805-121-522
	bl	C	805-121-523
	wb	Z	805-121-525
	vl	D	805-121-...
4	sw	A	805-122-541
	nf	B	805-122-542
	wb	Z	805-122-...
	bv	D	805-122-...
5	sw	A	805-123-541
6	sw	A	805-124-...
	nf	B	805-124-... ²⁾
8	sw	A	805-125-...
	nf	B	805-125-...



Socket housing without CPA (single-row)

Cavities	Color	Keying	Purchase order number
2	sw	A	872-857-561
	nf	B	872-857-562
	bl	C	872-857-563
	cg	A	872-857-565 ²⁾
3	sw	A	872-858-541
	nf	B	872-858-542
	cg	A	872-858-546 ²⁾
	vl	D	872-858-...
4	nf	B	872-859-...
	nf	B	872-859-...
5	sw	A	872-860-541
	sw	A	872-860-546 ²⁾
6	sw	A	872-861-...
	nf	B	872-861-...
8	sw	A	872-862-521
	sw	A	807-442-... ¹⁾



Pin housing (single-row)

Cavities	Color	Keying	Purchase order number
2	sw	A	872-863-561
	nf	B	872-863-562
	sw	A	872-863-566
3	sw	A	872-658-521
	nf	B	872-658-522
4	sw	A	872-617-541
	nf	B	872-617-...
	sw	A	806-974-...
	nf	B	806-974-...
5	sw	A	806-974-...
	nf	B	806-974-...
6	tbd.	A	806-614-...
8	sw	A	872-555-521
	sw	A	807-443-... ¹⁾
	nf	B	872-555-...



Pin housing (double-row)

Cavities	Color	Keying	Purchase order number
12	sw	A	807-378-...
16	sw	A	805-588-...
	nf	B	805-588-...
	sw	A	807-446-... ¹⁾
	gr	B	807-446-... ²⁾



Socket housing with CPA (double-row)

Cavities	Color	Keying	Purchase order number
4	sw	A	807-550-...
6	sw	A	807-551-...
8	sw	A	805-031-551
10	sw	A	807-602-...
12	sw	A	806-344-541
	nf	B	806-344-542
	sw	A	807-479-... ²⁾
16	sw	A	805-587-541
	sw	A	805-587-545 ²⁾
	nf	B	805-587-... ²⁾
	sw	A	807-445-... ¹⁾
	gr	B	807-445-... ¹⁾



Socket housing without CPA (double-row)

Cavities	Color	Keying	Purchase order number
8	sw	A	805-031-541
16	nf	B	805-587-... ²⁾

Also available

¹⁾ with closed chamber

²⁾ with 180° shroud twisted

On request

OEM-specific designs

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