

Соединители SealStar, SealStar НМК

Технические характеристики

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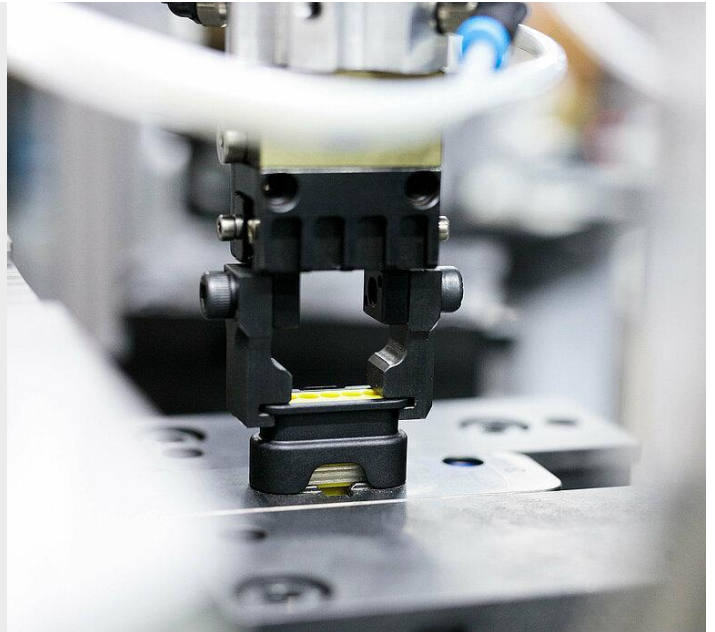
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Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

SealStar

Our connectors are characterized by high performance and durability. They are available in various designs.

The SealStar-Family was designed by Hirschmann Automotive in close collaboration with renowned OEMs and their system manufacturers. The plug connector systems are compact, robust as well as water-tight and stand out due to excellent performance characteristics. Besides the water-tightness according to LV 214, the products impress with their high temperature and vibration resistance.





0.63 SealStar

The housings have a variety of positive features. They withstand extreme conditions. The development of our **SealStar** housings has laid 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.

PRODUCT INFORMATION: FEMALE HOUSING				
GENERAL PRODUCT INFORMATION	0.63 SealStar F LL			
Product No.	2way 809-109-..., 810-650-...	3way 809-315-..., 810-651-...	4way 810-284-..., 810-652-....	6way 809-140-....
Gender of Article	female (F)	female (F)	female (F)	female (F)
Product Specification	EPS-100103-00 (n/a)	EPS-100103-00 (n/a)	(n/a)	EPS-100103-00 (n/a)
Process Specification	EVS-100103-00 (n/a)	EVS-100103-00 (n/a)	(n/a)	EVS-100103-00 (n/a)
TECHNICAL PRODUCT INFORMATION	0.63 SealStar F LL			
Number of Pins	2way	3way	4way	6way
Pitch of Terminals	4.0 mm	2.54 x 3.1 mm	2.54 x 3.1 mm	2.54 x 4.0 mm
Wire Size Range	max.0.75mm ²	max. 0.75mm ²	max. 0.75mm ²	max. 0.75mm ²
Sealed Application	sealed	sealed	sealed	sealed
Coding of Article	available	available	available	available
Voltage Class	≤ 60 V	≤ 60 V	≤ 60 V	≤ 60 V

Number of Terminal Rows	1 rows	2 rows	2 rows	2 rows
CPA (Connector Position Assurance)	with CPA and without CPA	with CPA and without CPA	with CPA and without CPA	with CPA and without CPA
TPA (Terminal Position Assurance; Secondary Lock)	with TPA	with TPA	with TPA	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)	Locking Lance (LL)	Locking Lance (LL)	Locking Lance (LL)
Contact Carrier Material	PBT GF20	PBT GF20	PBT GF10	PBT GF20

MATCHING PARTS

0.63 SealStar F LL

Compatible Terminal System
no distribution via Hirschmann
Automotive; please contact
suppliers directly

TE Connectivity
MQS 0.63:
C-929454 (drawing)

TE Connectivity
MQS 0.63:
C-929454 (drawing)

TE Connectivity
MQS 0.63:
C-929454 (drawing)

TE Connectivity
MQS 0.63:
C-929454 (drawing)

Cavity Plug Diameter
Cavity Diameter
no distribution via Hirschmann
Automotive; please contact
suppliers directly

Kostal/ TE
Connectivity
Ø 3.5 mm plug seal
Ø 3.45 mm
connector cavity

Kostal/ TE
Connectivity
Ø 3.5 mm plug seal
Ø 3.45 mm
connector cavity

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Connectivity
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Ø 3.45 mm
connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR

0.63 SealStar F LL

Plug Socket Interface Drawing				TE 114-18063-122	TE 114-18063-123	TE 114-18063-124	TE 114-18063-126	
								
PRODUCT VARIANTS: FEMALE HOUSING								
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS		
2	-	809-109-541	A	black	TE 114-18063-122	ZVEI: TK3 ¹ /SG3	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	-	809-109-542	B	grey				
	-	809-109-543	C	blue				
2	✓	810-650-521	A	black	TE	ZVEI:	USCAR2:	IP-CODE:

3					114-18063-122	TK3 ¹ /SG3	S2	IPX7/IPX9K ²
	✓	810-650-522	B	nature				
	✓	810-650-523	C	blue				
	-	809-315-541	A	black	TE	ZVEI:	USCAR2:	IP-CODE:
	-	809-315-542	B	grey	114-18063-123	TK3 ¹ /SG3	S2	IPX7/IPX9K ²
3	-	809-315-543	C	blue				
	-	809-315-544	E	brown				
	✓	810-651-521	A	black	TE	ZVEI:	USCAR2:	IP-CODE:
4	✓	810-651-522	B	nature	114-18063-123	TK3 ¹ /SG3	S2	IPX7/IPX9K ²
	✓	810-651-523	C	blue				
4	-	810-284-... ³	A	black	TE	ZVEI:	USCAR2:	IP-CODE:
4					114-18063-124	TK3 ¹ /SG3	S2	IPX7/IPX9K ²
	✓	810-652-521	A	black	TE	ZVEI:	USCAR2:	IP-CODE:
6	✓	810-652-522	B	grey	114-18063-124	TK3 ¹ /SG3	S2	IPX7/IPX9K ²
	-	809-140-541	A	black	TE	ZVEI:	USCAR2:	IP-CODE:
	-	809-140-542	B	grey	114-18063-126	TK3 ¹ /SG3	S2	IPX7/IPX9K ²
	-	809-140-544	Z	water blue				
6	-	809-140-545	A	black				
	✓	809-140-... ³	A	-	TE	ZVEI:	USCAR2:	IP-CODE:
					114-18063-126	TK3 ¹ /SG3	S2	IPX7/IPX9K ²

8	-	810-658-... ³	A	-		ZVEI: TK3 ¹ /SG3	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
10	✓	812-726-... ³	A	-		ZVEI: TK3 ¹ /SG3	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
12	-	810-659-... ³	A	-			USCAR2: S2	IP-CODE: IPX7/IPX9K ²

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K

³ on request: OEM specific designs/restricted



DRIVEN BY QUALITY AND INNOVATION

The housings have a variety of positive features. They withstand extreme conditions. The development of our SealStar housings has laid 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.



Characteristics:

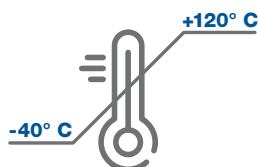
The variable designed housings withstand high thermal and dynamic loads. In addition, they combine the following benefits:

- compliant with test specification LV 214
- watertight according to IPX9K
- insertion and retention forces in accordance with LV 214
- vibration resistance
- CPA (Connector Positioning Assurance)¹⁾
- wire size range max. 0.75 mm², customizable
- compact design
- completely pre-assembled

TECHNICAL PRODUCT INFORMATION

CAVITIES	2 to 12way
CABLE OUTLET	180°
TERMINALS/CONTACTS	MQS 0.63 (TE Connectivity)
PITCH	3.5 to 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm ²

TEMPERATURE RANGE



SEALING CLASS



VIBRATION



PRODUCT VARIANTS: FEMALE HOUSING



2WAY

	WITHOUT CPA	WITH CPA
CAVITIES	2	2
ROWS	1	1
STANDARD PRODUCT	yes	yes**
CODING	A	A
OTHER KEY CODINGS AVAILABLE	B, C, Z*	B, C
ORDER/PRODUCT NO.	809-109-541	810-650-521



3WAY

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



4WAY

	WITHOUT CPA	WITH CPA
CAVITIES	4	4
ROWS	2	2
STANDARD PRODUCT	no*	yes**
CODING	A	A
OTHER KEY CODINGS AVAILABLE	B*	B
ORDER/PRODUCT NO.	810-284-...*	810-652-521



6WAY

	WITHOUT CPA	WITH CPA
CAVITIES	6	6
ROWS	2	2
STANDARD PRODUCT	yes	no*
CODING	A	A
OTHER KEY CODINGS AVAILABLE	B, Z	-
ORDER/PRODUCT NO.	809-140-541	809-140-...



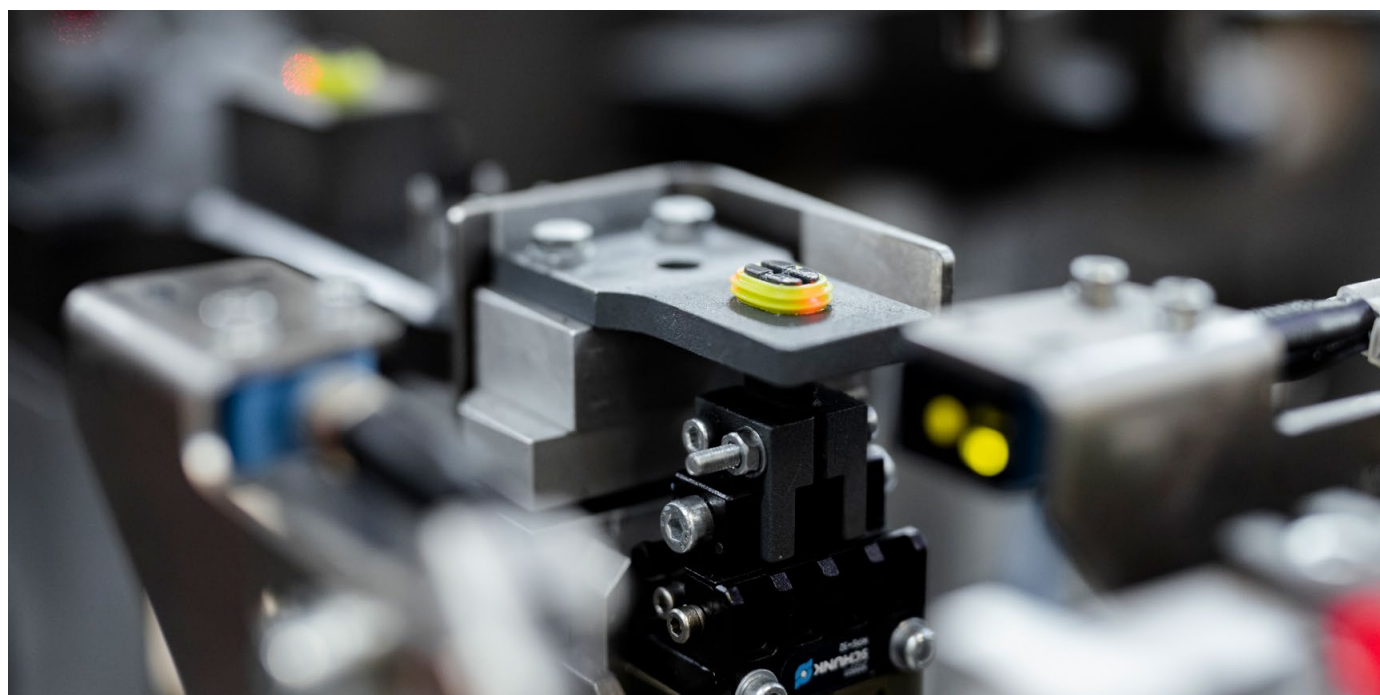
8WAY

	WITHOUT CPA
CAVITIES	8
ROWS	2
STANDARD PRODUCT	no*
CODING	A
ORDER/PRODUCT NO.	810-658-...*



12WAY

	WITHOUT CPA
CAVITIES	12
ROWS	2
STANDARD PRODUCT	no*
CODING	A
ORDER/PRODUCT NO.	810-659-...*



* on request: OEM specific designs/restricted

** available late 2022

¹⁾ certain housings



1.2 SealStar Female

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.

PRODUCT INFORMATION: FEMALE HOUSING								
GENERAL PRODUCT INFORMATION		1.2 SealStar F LL						
Product No.	2way	805-120-..., 872-857-...	4way	807-550-...	8way	805-031-...(2x lateral latches)	12way	806-360-...
	3way	805-121-..., 872-858-...	6way	807-551-...	12way	806-344-...		
	4way	805-122-..., 872-859-...	10way	807-602-...	16way	805-587-...		
	5way	805-123-..., 872-860-...						
	6way	805-124-..., 872-861-...						
	8way	805-125-..., 872-862-...						
Gender of Article	female (F)		female (F)		female (F)		female (F)	
Product Specification	EPS-100011-00		EPS-100087-00		EPS-100011-00		(n/a)	
Process Specification	EVS-100013-00		EVS-100089-00		EVS-100013-00		EVS-100061-01	
TECHNICAL PRODUCT INFORMATION		1.2 SealStar F LL						
Number of Pins	2,3,4,5,6,8way		4,6,10way		8,12,16way		12way	
Pitch of Terminals	4.0 mm		4.0 mm		4.0 mm		2,54 x 3.0 mm	
Wire Size Range	max. 1.00 mm ²		max. 1.00 mm ²		max. 1.00 mm ²		0,5 mm ²	
Sealed Application	sealed		sealed		sealed		sealed	
Coding of Article	available		available		available		available	
Voltage Class	≤ 60 V		≤ 60 V		≤ 60 V		≤ 60 V	

Number of Terminal Rows	1 row	2 rows	2 rows	2 rows
CPA (Connector Position Assurance)	with CPA and without CPA	with CPA	with CPA and without CPA	without CPA
TPA (Terminal Position Assurance; Secondary Lock)	with TPA	with TPA	with TPA	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)	Locking Lance (LL)	Locking Lance (LL)	Locking Lance (LL)
Contact Carrier Material	PA66 GF25	PA66 GF25	PA66 GF25	PA66 GF25

MATCHING PARTS		1.2 SealStar F LL		
Compatible Terminal System no distribution via Hirschmann Automotive; please contact suppliers directly	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	Kostal MLK 1.2-Sm: DOC00079128 (drawing)
Cavity Plug Diameter Cavity Diameter no distribution via Hirschmann Automotive; please contact suppliers directly	Kostal/ TE Connectivity Ø 3.6 mm plug seal Ø 3.55 mm connector cavity	Kostal/ TE Connectivity Ø 3.6 mm plug seal Ø 3.55 mm connector cavity	Kostal/ TE Connectivity Ø 3.6 mm plug seal Ø 3.55 mm connector cavity	TE Connectivity Product No. 1-1452424-2 1-1452424-1

INTERFACE DESCRIPTION OF THE CONNECTOR		1.2 SealStar F LL		
Plug Socket Interface Drawing		872-975-...00	808-170-...00	808-015-...00 808-124-...00



PRODUCT VARIANTS: FEMALE HOUSING									
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS		
2	-	872-857-561	A	standard	black	872-975-...00	ZVEI: TK3 ¹ /SG4	USCAR2: T3/V3/S2	IP-CODE: IPX7/IPX9K ²
	-	872-857-562	B	standard	nature				
	-	872-857-563	C	standard	blue				
	-	872-857-565	A	180° twisted	curry				
	-	872-857-566	B	180° twisted	ivory				
	-	872-857-571	A	standard	black				
	-	872-857-872	B	standard	nature				
2	✓	805-120-527	A	180° twisted	curry	872-975-...00	ZVEI:	USCAR2:	IP-CODE:

	✓	805-120-528	B	180° twisted	nature		TK4 ¹ /SG4	T3/V3/S2	IPX7/IPX9K ²
	✓	805-120-531	A	standard	black				
	✓	805-120-532	B	standard	nature				
	✓	805-120-534	D	standard	claret violet				
	✓	805-120-581	A	standard	black				
	✓	805-120-582	B	standard	nature				
	✓	805-120-584	D	standard	claret violet				
3	-	872-858-541	A	standard	black	872-975-...00	ZVEI: TK3 ¹ /SG4	USCAR2: T3/V3/S2	IP-CODE: IPX7/IPX9K ²
	-	872-858-542	B	standard	nature				
	-	872-858-546	A	180° twisted	curry				
3	✓	805-121-525	Z	standard	waterblue	872-975-...00	ZVEI: TK4 ¹ /SG4	USCAR2: T4/V4/S2	IP-CODE: IPX7/IPX9K ²
	✓	805-121-526	A	180° twisted	curry				
	✓	805-121-581	A	standard	black				
	✓	805-121-582	B	standard	nature				
	✓	805-121-583	C	standard	blue				
4	-	872-859-541	A	standard	black	872-975-...00	ZVEI: TK4 ¹ /SG3	USCAR2: T2/V3/S2	IP-CODE: IPX7/IPX9K ²
	-	872-859-542	B	standard	nature				
4	✓	805-122-550	A	standard	black	872-975-...00	ZVEI: TK4 ¹ /SG4	USCAR2: T2/V3/S2	IP-CODE: IPX7/IPX9K ²
	✓	805-122-551	A	standard	black				

	✓	805-122-552	B	standard	nature				
	✓	805-122-553	C	180° twisted	curry				
	✓	805-122-581	A	standard	black				
	✓	805-122-582	B	standard	nature				
4	✓	807-550-521	A	just standard possible	black	808-170-...00	ZVEI: SG4	USCAR2: T2/V3/S2	IP-CODE: IPX7/IPX9K ²
5	-	872-860-541	A	standard	black	872-975-...00	ZVEI:	USCAR2: T2/V3/S2	IP-CODE: IPX7/IPX9K ²
	-	872-860-546	A	180° twisted	black		TK4 ¹ /SG4		
5	✓	805-123-551	A	standard	black	872-975-...00	ZVEI:	USCAR2: T2/V3/S2	IP-CODE: IPX7/IPX9K ²
	✓	805-123-552	B	standard	nature		TK4 ¹ /SG3		
	✓	805-123-572	B	standard	nature				
6	-	872-861-561	A	standard	black	872-975-...00	ZVEI:	USCAR2: T2/V2/S2	IP-CODE: IPX7/IPX9K ²
	-	872-861-562	B	standard	nature		TK4 ¹ /SG4		
6	✓	805-124-561	A	standard	black	872-975-...00	ZVEI: TK4 ¹ /SG4	USCAR2: T3/V2/S3	IP-CODE: IPX7/IPX9K ²
6	✓	807-551-581	A	just standard possible	black	808-170-...00	ZVEI:	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	✓	807-551-582	B	standard	black		TK4 ¹ /SG4		
6	-	872-862-521	A	standard	black	872-975-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²

3	✓	805-031-541	A	standard	black	808-015-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	✓	805-031-542	B	standard	nature				
	✓	805-031-551	A	standard	black				
	✓	805-031-552	B	standard	nature				
	✓	805-031-585	A	standard	black				
	✓	805-031-595	A	standard	curry				
3	-	805-031-531	A	standard	black	808-015-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	-	805-031-561	A	standard	black				
10	✓	807-602-511	A	just standard possible	black	808-170-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
12	✓	806-344-541	A	standard	black	808-015-...00	ZVEI: TK4 ¹ /SG4	USCAR2: T3/V3/S3	IP-CODE: IPX7 /IPX9K ²
	✓	806-344-542	B	standard	nature				
12	-	806-360-521	A	standard	black	808-124-...00	ZVEI: SG4_AG	USCAR2: S2	IP-CODE: IPX7 /IPX9K ²
	-	806-360-522	A	standard	black				
	-	806-360-506	A	standard	black				
16	✓	805-587-541	A	standard	black	808-015-...00	ZVEI: TK4 ¹ /SG4	USCAR2: T3/S2	IP-CODE: IPX7 /IPX9K ²
	✓	805-587-542	B	standard	black				
	✓	805-587-545	A	180° twisted	black				
	✓	805-587-551	A	standard	black				

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K



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.

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Characteristics:

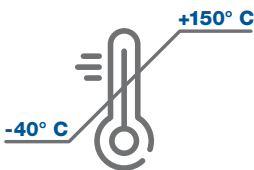
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- compliant with test specification LV 214 & USCAR ¹⁾
- watertight according to IPX9K
- single-wire sealing and robust radial sealing
- primary and secondary locking
- vibration-resistant design
- CPA (Connector Positioning Assurance) ¹⁾
- different color and mechanical codings
- convenient and secure connection with audible feedback of detent function
- locking device either right or left of the plug collar
- compact design
- completely pre-assembled
- different female versions available (flipped key coding/ protective shroud or flashed over cavities)

TECHNICAL PRODUCT INFORMATION

CAVITIES	2 to 16way
CABLE OUTLET	180°
TERMINALS/CONTACTS	MCON 1.2 mm (TE Connectivity) MLK 1.2 mm (Kostal)
PITCH	4.0 mm
WIRE SIZE RANGE	0.22 to 1.00 mm ²

TEMPERATURE RANGE



SEALING CLASS



VIBRATION



PRODUCT VARIANTS: FEMALE HOUSING

CAVITIES	2	2	3	3
ROWS	1	1	1	1
CPA	yes	no	yes	no
STANDARD PRODUCT	yes	yes	yes	yes
CODING	A	A	A	A
OTHER KEY CODINGS AVAILABLE	B, C, D, Z*	B, C, D*, Z*	B, C, Z	B, D*, Z*
ORDER/PRODUCT NO.	805-120-581	872-857-561	805-121-581	872-858-541



CAVITIES	4	4	5	5
ROWS	1	2	1	1
CPA	yes	yes	yes	no
STANDARD PRODUCT	yes	yes	yes	yes
CODING	A	A	A	A
OTHER KEY CODINGS AVAILABLE	B, C, D*, Z*	-	B, Z*	B*
ORDER/PRODUCT NO.	805-122-551	807-550-521	805-123-551	872-860-541



CAVITIES	6	6	6
ROWS	2	1	1
CPA	yes	yes	no
STANDARD PRODUCT	yes	yes	yes
CODING	A	A	A
OTHER KEY CODINGS AVAILABLE	B	B*	-
ORDER/PRODUCT NO.	807-551-581	805-124-561	872-861-561



CAVITIES	8	8	8
ROWS	2	1	1
CPA	yes	yes	no
STANDARD PRODUCT	yes	no*	yes
CODING	A	A	A
OTHER KEY CODINGS AVAILABLE	B	-	B*
ORDER/PRODUCT NO.	805-031-541	805-125-...*	872-862-521



CAVITIES	10	12	16
ROWS	2	2	2
CPA	yes	yes	yes
STANDARD PRODUCT	yes	yes	yes
CODING	A	A	A
OTHER KEY CODINGS AVAILABLE	-	B	B
ORDER/PRODUCT NO.	807-602-511	806-344-541	805-587-541



* on request: OEM specific designs/restricted

¹⁾ certain housings



1.2 SealStar Male

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.

PRODUCT INFORMATION: MALE HOUSING				
GENERAL PRODUCT INFORMATION		1.2 SealStar M LL Gen1	1.2 SealStar M LL Gen2	1.2 SealStar M LL Gen1
Product No.		5way 806-974-... 6way 806-614-...	2way 809-555-... 3way 809-556-... 4way 809-557-... 8way 809-560-...	12way 807-378-... 16way 805-588-... 16way 807-446-...
Gender of Article		male (M)	male (M)	male (M)
Product Specification		EPS-100011-00	EPS-100121-00	EPS-100011-00
Process Specification		EVS-100014-00	EVS-100121-00	EVS-100014-00
TECHNICAL PRODUCT INFORMATION		1.2 SealStar M LL Gen1	1.2 SealStar M LL Gen2	1.2 SealStar M LL Gen1
Number of Pins		5,6way	2,3,4,5,8way	12,16way
Pitch of Terminals		4.0 mm	4.0 mm	4.0 mm
Wire Size Range		max. 1.00 mm ²	max. 1.00 mm ²	max. 1.00 mm ²
Sealed Application		sealed	sealed	sealed
Coding of Article		available	available	available
Voltage Class		≤ 60 V	≤ 60 V	≤ 60 V

Number of Terminal Rows	1 row	1 row	2 row
CPA (Connector Position Assurance)	with CPA (see matching part)	with CPA (see matching part)	with CPA (see matching part)
TPA (Terminal Position Assurance; Secondary Lock)	with TPA	with TPA	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)	Locking Lance (LL)	Locking Lance (LL)
Contact Carrier Material	PA66 GF25	PA66 GF25	PA66 GF25

MATCHING PARTS	1.2 SealStar M LL Gen1	1.2 SealStar M LL Gen2	1.2 SealStar M LL Gen1
Compatible Terminal System no distribution via Hirschmann Automotive; please contact suppliers directly	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
Cavity Plug Diameter Cavity Diameter no distribution via Hirschmann Automotive; please contact suppliers directly	Kostal/ TE Connectivity Ø 3.6 mm plug seal Ø 3.55 mm connector cavity	Kostal/ TE Connectivity Ø 3.6 mm plug seal Ø 3.55 mm connector cavity	Kostal/ TE Connectivity Ø 3.6 mm plug seal Ø 3.55 mm connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR	1.2 SealStar M LL Gen1	1.2 SealStar M LL Gen2	1.2 SealStar M LL Gen1
Plug Socket Interface Drawing	872-975-...00	872-975-...00	808-015-...00



PRODUCT VARIANTS: MALE HOUSING								
NUMBER OF PINS	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS			
2	809-555-521	A	black	872-975-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
	809-555-522	B	black					
	809-555-526	A	black					
3	809-556-521	A	black	872-975-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
4	809-557-541	A	black	872-975-...00	ZVEI: TK31/SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
5	806-974-511	A	black	872-975-...00	ZVEI: SG4	USCAR2:	IP-CODE:	

5	806-974-512	B	black			S2	IPX7/IPX9K ²
8	809-560-521	A	black	872-975-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	809-560-522	B	black				
12	807-378-...	A	black	808-015-...00		USCAR2: T3/V2/S2	IP-CODE: IPX7/IPX9K ²
16	805-588-571	A	black	808-015-...00	ZVEI: TK3 ¹ /SG2	USCAR2: S2	IP-CODE: IPX7/IPX9K ²

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K



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:

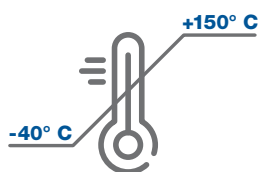
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- compliant with test specification LV 214 & USCAR ¹⁾
- watertight according to IPX9K
- single-wire sealing and robust radial sealing
- primary and secondary locking
- vibration-resistant design
- different color and mechanical codings
- convenient and secure connection with audible feedback of detent function
- locking device either right or left of the plug collar
- compact design
- completely pre-assembled

TECHNICAL PRODUCT INFORMATION

CAVITIES	2 to 16way
CABLE OUTLET	180°
TERMINALS/CONTACTS	MCON 1.2 mm (TE Connectivity) MLK 1.2 mm (Kostal)
PITCH	4.0 mm
WIRE SIZE RANGE	0.22 to 1.00 mm ²

TEMPERATURE RANGE



SEALING CLASS



VIBRATION



PRODUCT VARIANTS: MALE HOUSING

CAVITIES	2	2	2	2
ROWS	1	1	1	1
FIRTREE CLIPSLOT	40G / EWCAP 11 mm	40G	EWCAP 7 mm/11 mm	N
STANDARD PRODUCT	yes	yes	yes	no*
CODING	A	A	A	A
OTHER KEY CODINGS AVAILABLE	C*, Z*	B	B*	B*, C*
ORDER/PRODUCT NO.	872-863-...*	809-555-521	809-604-...	807-879-...*



CAVITIES	3	3	4	4
ROWS	1	1	1	1
FIRTREE CLIPSLOT	40G	40G / EWCAP 11 mm	40G	40G / EWCAP 11 mm
STANDARD PRODUCT	yes	yes	yes	yes
CODING	A	A	A	A
OTHER KEY CODINGS AVAILABLE	-	B*, Z*	-	B, C*, D
ORDER/PRODUCT NO.	809-556-521	872-658-...	809-557-541	872-617-...



CAVITIES	5	6	8	8
ROWS	1	1	1	1
FIRTREE CLIPSLOT	40G	40G	40G	EWCAP 11 mm
STANDARD PRODUCT	yes	no*	yes	yes
CODING	A	A	A	A
OTHER KEY CODINGS AVAILABLE	B	-	B	B
ORDER/PRODUCT NO.	806-974-511	806-614-...*	809-560-521	809-799-501

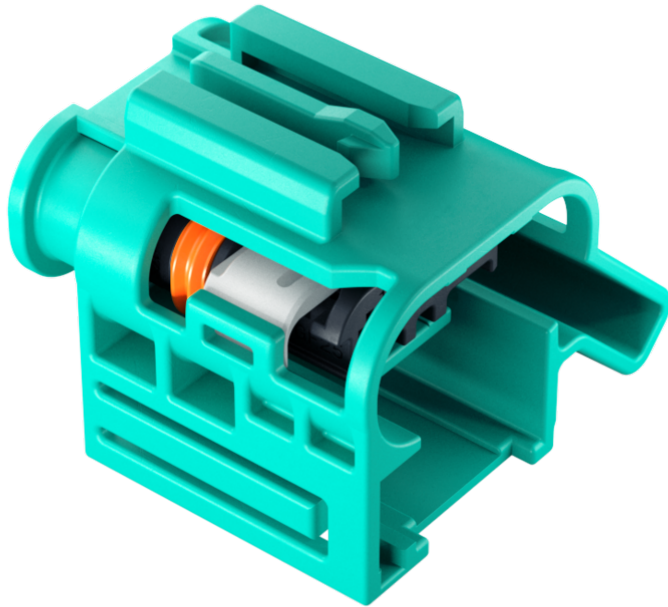


CAVITIES	12	16	16
ROWS	2	2	2
FIRTREE CLIPSLOT	EWCAP 11 mm	40G	EWCAP 11 mm
STANDARD PRODUCT	no*	yes	no*
CODING	A	A	A
OTHER KEY CODINGS AVAILABLE	-	B*	B*
ORDER/PRODUCT NO.	807-378-...*	805-588-571	807-446-...*



* on request: OEM specific designs/restricted

¹⁾ certain housings



1.2 Service Disconnect

The **SealStar** Service Disconnect Connector impresses with its function, compact design, and robustness.

With an innovative mechanism, this connector enables effortless disconnection in case of maintenance and thus prevents unintentional activations.

PRODUCT INFORMATION: FEMALE HOUSING	
GENERAL PRODUCT INFORMATION	1.2 Service Disconnect F LL
Product No.	4way 806-820-541
Gender of Article	female (F)
Product Specification	EPS-100054-00
Process Specification	EVS-100054-00
TECHNICAL PRODUCT INFORMATION	1.2 Service Disconnect F LL
Number of Pins	4way
Pitch of Terminals	4.0 mm
Wire Size Range	max. 1.00 mm ²
Sealed Application	sealed
Coding of Article	available
Voltage Class	≤ 60 V
Number of Terminal Rows	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance; Secondary Lock)	with TPA

Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)
Contact Carrier Material	PA66 GF25

MATCHING PARTS	1.2 Service Disconnect F LL
Compatible Terminal System no distribution via Hirschmann Automotive; please contact suppliers directly	Kostal MLK 1.2-Sm: DOC00079128 (drawing)
Cavity Plug Diameter Cavity Diameter no distribution via Hirschmann Automotive; please contact suppliers directly	Kostal/ TE Connectivity Ø 3.6 mm plug seal Ø 3.55 mm connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR	1.2 Service Disconnect F LL
Plug Socket Interface Drawing	808-147-...00

PRODUCT VARIANTS: FEMALE HOUSING						
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS

4	-	806-820-541	A	turquoise green	808-147-...00	ZVEI: TK3 ¹ /SG3	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
¹ Tested with the temperature collective from LV124 ² Protective cap recommended for IPX9K								
PRODUCT INFORMATION: MALE HOUSING								
GENERAL PRODUCT INFORMATION					1.2 Service Disconnect M			
Product No.					4way 806-821-541			
Gender of Article					male (M)			
Product Specification					EPS-100054-00			
Process Specification					EVS-100054-00			
TECHNICAL PRODUCT INFORMATION						1.2 Service Disconnect M		

Number of Pins	4way
Pitch of Terminals	4.0 mm
Wire Size Range	max. 1.00 mm ²
Sealed Application	sealed
Coding of Article	available
Voltage Class	≤ 60 V
Number of Terminal Rows	1 row
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance; Secondary Lock)	not applicable
Type of Compatible Terminal (Primary Lock)	not applicable
Contact Carrier Material	PA66 GF25

MATCHING PARTS

Compatible Terminal System
no distribution via Hirschmann Automotive; please contact suppliers directly

Cavity Plug Diameter
Cavity Diameter
no distribution via Hirschmann Automotive; please contact suppliers directly

1.2 Service Disconnect M

delivered with preassembled contacts

Kostal/ TE Connectivity
Ø 3.6 mm plug seal
Ø 3.55 mm connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR

1.2 Service Disconnect M

Plug Socket Interface Drawing

808-147-...00

PRODUCT VARIANTS: MALE HOUSING									
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS			
4	✓	806-821-541	A	black		ZVEI: TK3 ¹ /SG3	USCAR: S2	IP-CODE: IPX7/IPX9K ²	

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K



2.8 SealStar SLK

Lightweight construction is closely linked with efficiency – and our **SealStar** housings also combine both features.

The connectors are compact and convince with their resistance to external influences.

PRODUCT INFORMATION: FEMALE HOUSING		
GENERAL PRODUCT INFORMATION	2.8 SealStar F SLK LL	
Product No.	2way 805-198-... 3way 805-199-... 4way 805-200-... 5way 805-260-...	8way 872-585-...
Gender of Article	female (F)	female (F)
Product Specification	EPS-100013-00	EPS-100024-00
Process Specification	EVS-100016-00	EVS-100009-00
TECHNICAL PRODUCT INFORMATION	2.8 SealStar F SLK LL	
Number of Pins	2,3,4,5way	8way
Pitch of Terminals	5.0 mm	5.0 mm
Wire Size Range	max. 2.5 mm ²	max. 2.5 mm ²
Sealed Application	sealed	sealed
Coding of Article	available	available
Voltage Class	≤ 60 V	≤ 60 V
Number of Terminal Rows	1 row	2 rows

CPA (Connector Position Assurance)	with CPA	without CPA
TPA (Terminal Position Assurance; Secondary Lock)	with TPA	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)	Locking Lance (LL)
Contact Carrier Material	PA66 GF25	PA66 GF25

MATCHING PARTS

2.8 SealStar F SLK LL

Compatible Terminal System
no distribution via Hirschmann Automotive; please
contact suppliers directly

Kostal SLK 2.8: DOC00043218
(drawing)

Kostal SLK 2.8: DOC00043218
(drawing)

Cavity Plug Diameter
Cavity Diameter
no distribution via Hirschmann Automotive; please
contact suppliers directly

Kostal/ TE Connectivity
Ø 5.2 mm plug seal
Ø 5.18 mm connector cavity

Kostal/ TE Connectivity
Ø 5.2 mm plug seal
Ø 5.18 mm connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR

2.8 SealStar F SLK LL

Plug Socket Interface Drawing

808-169-...00

808-008-...00



PRODUCT VARIANTS: MALE HOUSING							
NUMBER OF PINS	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS		
8	872-586-541	A	black	808-008-...00	ZVEI:	USCAR2:	IP-CODE:
	872-586-551	A	black		TK4 ¹ /SG3	S2	IPX7/IPX9K ²

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K



PRODUCT VARIANTS: FEMALE HOUSING									
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS			
2	✓	805-198-521	A	black	808-169-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
	✓	805-198-522	B	nature					
	✓	805-198-523	C	blue					
	✓	805-198-526	C	blue					
	✓	805-198-527	C	blue					
	✓	805-198-528	B	nature					
3	✓	805-199-521	A	black	808-169--...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	

4	✓	805-200-521	A	black	808-169-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	✓	805-200-531	A	black				IP-CODE: IPX7/IPX9K ²
4	-	805-219-521	A	black	808-030-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	-	805-219-522	B	nature				
5	✓	805-260-541	A	black	808-169-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
8	-	872-585-521	A	black	808-008-...00	ZVEI: TK4 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K



PRODUCT INFORMATION: MALE HOUSING	
GENERAL PRODUCT INFORMATION	2.8 SealStar M Connector SLK
Product No.	8way 872-586-...
Gender of Article	male (M)
Product Specification	EPS-100028-02
Process Specification	EVS-100004-02
TECHNICAL PRODUCT INFORMATION	2.8 SealStar M Connector SLK
Number of Pins	8way
Pitch of Terminals	5.0 mm
Wire Size Range	max. 2.5 mm ²
Sealed Application	sealed
Coding of Article	available
Voltage Class	≤ 60 V
Number of Terminal Rows	2 rows
CPA (Connector Position Assurance)	with CPA (see maching part)
TPA (Terminal Position Assurance; Secondary Lock)	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)

Contact Carrier Material	PA66 GF25
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KOMPATIBLE TEILE	2.8 SealStar M Connector SLK
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Compatible Terminal System	Kostal SLK 2.8: 1 99 00 49907 1
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no distribution via Hirschmann Automotive; please contact suppliers directly	
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Cavity Plug Diameter	Kostal/ TE Connectivity
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Cavity Diameter	Ø 5.2 mm plug seal
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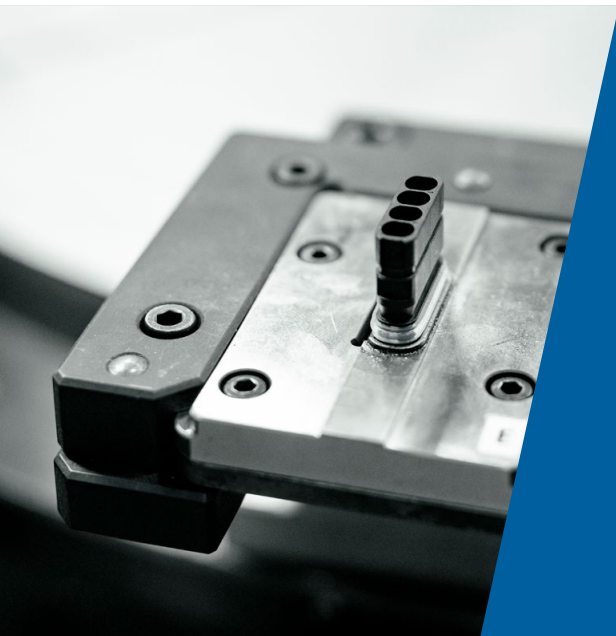
no distribution via Hirschmann Automotive; please contact suppliers directly	Ø 5.18 mm connector cavity
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SCHNITTSTELLENBESCHREIBUNG DES STECKERS	2.8 SealStar M Connector SLK
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Plug Socket Interface Drawing	808-008-...00
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DRIVEN BY QUALITY AND INNOVATION

Lightweight construction is closely linked with efficiency – and our SealStar housings also combine both features. The connectors are compact and convince with their resistance to external influences.



Characteristics:

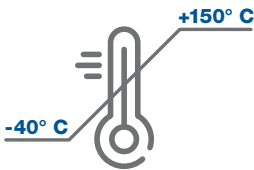
During development we collaborated with renowned OEMs and their system manufacturers. This resulted in products with numerous benefits:

- compliant with test specification LV 214
- watertight according to IPX9K
- single-wire sealing and robust radial sealing
- primary and secondary locking
- CPA (Connector Positioning Assurance) ¹⁾
- different color and mechanical codings
- convenient and secure connection with audible feedback of detent function
- locking device either right or left of the plug collar
- compact design
- completely pre-assembled
- anti-backlash ribs for optimal vibration stability

TECHNICAL PRODUCT INFORMATION

CAVITIES	2 to 8way
CABLE OUTLET	180°
TERMINALS/CONTACTS	SLK 2.8 mm (Kostal)
PITCH	5.0 mm
WIRE SIZE RANGE	0.22 to 2.50 mm ²

TEMPERATURE RANGE



SEALING CLASS



VIBRATION (ACCORDING TO LV 214)



PRODUCT VARIANTS:



CAVITIES	2	2
GENDER	female	female
ROWS	1	1
CPA	yes	no
STANDARD PRODUCT	yes	yes
CODING	A	A
OTHER KEY CODINGS AVAILABLE	B, C	B*
ORDER/PRODUCT NO.	805-198-521	805-198-528

2WAY



3WAY

CAVITIES	3	3
GENDER	female	female
ROWS	1	1
CPA	yes	no
STANDARD PRODUCT	yes	no*
CODING	A	A
OTHER KEY CODINGS AVAILABLE	B*	B*
ORDER/PRODUCT NO.	805-199-521	805-199-...*



4WAY

CAVITIES	4	4
GENDER	female	female
ROWS	1	1
CPA	yes	no
STANDARD PRODUCT	yes	yes
CODING	A	A
OTHER KEY CODINGS AVAILABLE	B*	B*
ORDER/PRODUCT NO.	805-200-521	805-200-531



5WAY

CAVITIES	5	5
GENDER	female	female
ROWS	1	1
CPA	yes	no
STANDARD PRODUCT	no*	yes
CODING	A	A
ORDER/PRODUCT NO.	805-260-...*	805-260-541



8WAY

CAVITIES	8	8
GENDER	female	male
ROWS	2	2
CPA	yes	no
STANDARD PRODUCT	yes	yes
CODING	A	A
OTHER KEY CODINGS AVAILABLE	B*	-
ORDER/PRODUCT NO.	872-585-521	872-586-541



* on request: OEM specific designs/restricted

¹⁾ certain housings



2.8 SealStar MCP

We have refined our connectors. More than ever the new design stands for lightweight construction and efficiency.

The new generation of our **SealStar** housings impresses with its load capacity and its compact design. The connectors are miniaturized, without compromising on performance. The innovative design of the housings makes them compatible for the use with a range of different contacts.

PRODUCT INFORMATION: FEMALE HOUSING		
GENERAL PRODUCT INFORMATION	2.8 SealStar F MCP LL	
Product No.	2way 807-872-... 3way 807-873-... 4way 807-874-... 5way 807-875-...	8way 807-871-...
Gender of Article	female (F)	female (F)
Product Specification	EPS-100100-00 (n/a)	-
Process Specification	EVS-100100-00	EVS-100100-00
TECHNICAL PRODUCT INFORMATION	2.8 SealStar F MCP LL	
Number of Pins	2,3,4,5way	8way
Pitch of Terminals	5.0 mm	5.0 mm
Wire Size Range	max. 2.5 mm ²	max. 2.5 mm ²
Sealed Application	sealed	sealed
Coding of Article	available	available
Voltage Class	≤ 60 V	≤ 60 V
Number of Terminal Rows	1 row	2 rows

CPA (Connector Position Assurance)	with CPA	with CPA
TPA (Terminal Position Assurance; Secondary Lock)	with TPA	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)	Locking Lance (LL)
Contact Carrier Material	PA66 GF25	PA66 GF25

MATCHING PARTS

2.8 SealStar F MCP LL

Compatible Terminal System
no distribution via Hirschmann Automotive; please
contact suppliers directly

TE Connectivity MCP 2.8:
C-1355036 (drawing)

TE Connectivity MCP 2.8:
C-1355036 (drawing)

Cavity Plug Diameter
Cavity Diameter
no distribution via Hirschmann Automotive; please
contact suppliers directly

Kostal/ TE Connectivity
Ø 5.2 mm plug seal
Ø 5.18 mm connector cavity

Kostal/ TE Connectivity
Ø 5.2 mm plug seal
Ø 5.18 mm connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR

2.8 SealStar F MCP LL

Plug Socket Interface Drawing

808-169-...00

808-008-...00



PRODUCT VARIANTS: FEMALE HOUSING									
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VLAIDATION STATUS			
2	✓	807-872-511	A	black	808-169-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
	✓	807-872-512	B	nature					
	✓	807-872-513	C	blue					
3	✓	807-873-511	A	black	808-169-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
	✓	807-873-512	B	nature					
4	✓	807-874-511	A	black	808-169-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
	✓	807-874-512	B	nature					

5	✓	807-875-511	A	black	808-169-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
8	✓	807-871-521	A	black	808-008-...00	ZVEI: TK3 ¹ /SG4	USCAR2: S2	IP-CODE: IPX7/IPX9K ²
	✓	807-871-522	B	nature				

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K



DRIVEN BY QUALITY AND INNOVATION

We have refined our connectors. More than ever the new design stands for lightweight construction and efficiency.

The new generation of our SealStar housings impresses with its load capacity and its compact design. The connectors are miniaturized, without compromising on performance. The innovative design of the housings makes them compatible for the use with a range of different contacts.

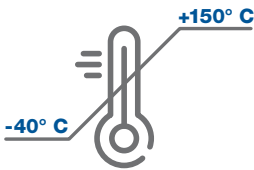


- Characteristics:
- The SealStar (2.8 mm) is robust and combines the following positive features:
- compliant with test specification LV 214
 - watertight according to IPX9K
 - compatible for 2.8 MCP, CTS and MAK contact systems
 - single-wire sealing and robust radial sealing
 - primary and secondary locking
 - CPA (Connector Positioning Assurance)¹⁾
 - different color and mechanical codings
 - convenient and secure connection with audible feedback of detent function
 - locking device either right or left of the plug collar
 - completely pre-assembled
 - anti-backlash ribs for optimal vibration stability

TECHNICAL PRODUCT INFORMATION

CAVITIES	2 to 8way
CABLE OUTLET	180°
TERMINALS/CONTACTS	MCP 2.8 mm (TE Connectivity) CTS 2.8 mm (Aptiv) MAK 2.8 mm (Lear)
PITCH	5.0 mm
WIRE SIZE RANGE	0.22 to 2.50 mm ²

TEMPERATURE RANGE



SEALING CLASS



VIBRATION (ACCORDING TO LV 214)



PRODUCT VARIANTS: FEMALE HOUSING



2WAY

CAVITIES	2
ROWS	1
CPA	yes
STANDARD PRODUCT	yes
CODING	A
OTHER KEY CODINGS AVAILABLE	B, C
ORDER/PRODUCT NO.	807-872-511



3WAY

CAVITIES	3
ROWS	1
CPA	yes
STANDARD PRODUCT	yes
CODING	A
OTHER KEY CODINGS AVAILABLE	B
ORDER/PRODUCT NO.	807-873-511



4WAY

CAVITIES	4
ROWS	1
CPA	yes
STANDARD PRODUCT	yes
CODING	A
OTHER KEY CODINGS AVAILABLE	B
ORDER/PRODUCT NO.	807-874-511



5WAY

CAVITIES	5
ROWS	1
CPA	yes
STANDARD PRODUCT	yes
CODING	A
ORDER/PRODUCT NO.	807-875-511



8WAY

CAVITIES	8
ROWS	2
CPA	yes
STANDARD PRODUCT	yes
CODING	A
OTHER KEY CODINGS AVAILABLE	B
ORDER/PRODUCT NO.	807-871-521



* on request: OEM specific designs/restricted

** available late 2022

¹⁾ certain housings

SealStar HMK

The SealStar HMK product range shows all of its strengths when everything is vibrating in the engine compartment.

Our patented HMK product range offers various high-quality features. It impresses, for example, with maximum vibration resistance and tightness. On top of that, the high-performance engine contact systems function reliably even at extreme temperatures.

The products are offered with an AK receptacle and can be customized automatically. Thanks to the patented insertion process, the effort in manual assemblage is small, while the normal contact force is reliable and high.





1.2 SealStar HMK

In addition to **SealStar** requirements, our impressive range of patented high-performance engine contact systems offer maximum vibration resistance, tightness, operation in the most extreme temperatures, an AK receptacle, a high level of contact normal force, automated customization, and much more.

PRODUCT INFORMATION: FEMALE HOUSING	
GENERAL PRODUCT INFORMATION	1.2 SealStar F HMK LL
Product No.	2way 806-026-... 3way 806-881-... 4way 806-880-... 5way 805-992-... 6way 806-542-...
Gender of Article	female (F)
Product Specification	EPS-100059-01
Process Specification	EVS-100059-01
TECHNICAL PRODUCT INFORMATION	1.2 SealStar F HMK LL
Number of Pins	2,3,4,5,6way
Pitch of Terminals	4.0 mm
Wire Size Range	max. 1.00 mm ²
Sealed Application	sealed
Coding of Article	available
Voltage Class	≤ 60 V
Number of Terminal Rows	1 row

CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance; Secondary Lock)	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)
Contact Carrier Material	PA66 GF35

MATCHING PARTS

Compatible Terminal System	1.2 SealStar F HMK LL Hirschmann Automotive GmbH 709-125-..00
Cavity Plug Diameter	Kostal/ TE Connectivity
Cavity Diameter	Ø 3.6 mm plug seal
no distribution via Hirschmann automotive; please contact suppliers directly	Ø 3.55 mm connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR

Plug Socket Interface Drawing	1.2 SealStar F HMK LL 872-975-...00
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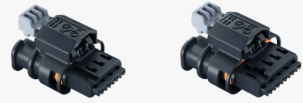
PRODUCT VARIANTS: FEMALE HOUSING									
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS			
2	✓	806-026-541	A	black	872-975-...00	ZVEI: TK4 ¹ /SG6	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
	✓	806-026-542	B	nature					
3	✓	806-881-541	A	black	872-975-...00	ZVEI: TK4 ¹ /SG6	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
4	✓	806-880-541	A	black	872-975-...00	ZVEI: TK4 ¹ /SG6	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
5	✓	805-992-541	A	black	872-975-...00	ZVEI: TK4 ¹ /SG6	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K



2WAY & 3WAY



4WAY & 5WAY



2.8 SealStar HMK

In addition to **SealStar** requirements, our impressive range of patented high-performance engine contact systems offer maximum vibration resistance, tightness, operation in the most extreme temperatures, an AK receptacle, a high level of contact normal force, automated customization, and much more.

PRODUCT INFORMATION: FEMALE HOUSING		
GENERAL PRODUCT INFORMATION		2.8 SealStar F HMK LL
Product No.		2way 807-827-... 3way 807-828-...
Gender of Article		female (F)
Product Specifikation		EPS-100102-02
Process Specification		EVS-100102-02
TECHNICAL PRODUCT INFORMATION		2.8 SealStar F HMK LL
Number of Pins		2,3way
Pitch of Terminals		5.0 mm
Wire Size Range		max. 2.5 mm ²
Sealed Application		sealed
Coding of Article		available
Voltage Class		≤ 60 V
Number of Terminal Rows		1 row
CPA (Connector Position Assurance)		with CPA

TPA (Terminal Position Assurance; Secondary Lock)	with TPA
Type of Compatible Terminal (Primary Lock)	Locking Lance (LL)
Contact Carrier Material	PA66 GF35

MATCHING PARTS

Compatible Terminal System

2.8 SealStar F HMK LL

Hirschmann Automotive GmbH
709-939-...

Cavity Plug Diameter

Cavity Diameter

no distribution via Hirschmann Automotive; please contact suppliers directly

Kostal/ TE Connectivity

Ø 5.2 mm plug seal

Ø 5.18 mm connector cavity

INTERFACE DESCRIPTION OF THE CONNECTOR

Plug Socket Interface Drawing

2.8 SealStar F HMK LL

808-169-...00



PRODUCT VARIANTS: FEMALE HOUSING									
NUMBER OF PINS	CPA	ORDER/PRODUCT NO.	CODING	COLOR CONTACT CARRIER	NEUTRAL PLUG SOCKET INTERFACE	BENCHMARK VALIDATION STATUS			
2	✓	807-827-... ³	A	black	808-169-...00	ZVEI: TK4 ¹ /SG6	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
		807-827-... ³	B	nature					
3	✓	807-828-... ³	A	black	808-169-...00	ZVEI: TK4 ¹ /SG6	USCAR2: S2	IP-CODE: IPX7/IPX9K ²	
		807-828-... ³	B	nature					

¹ Tested with the temperature collective from LV124

² Protective cap recommended for IPX9K

³ on request: OEM specific designs/restricted



2WAY & 3WAY

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
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Киргизия +996(312)-96-26-47

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Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
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