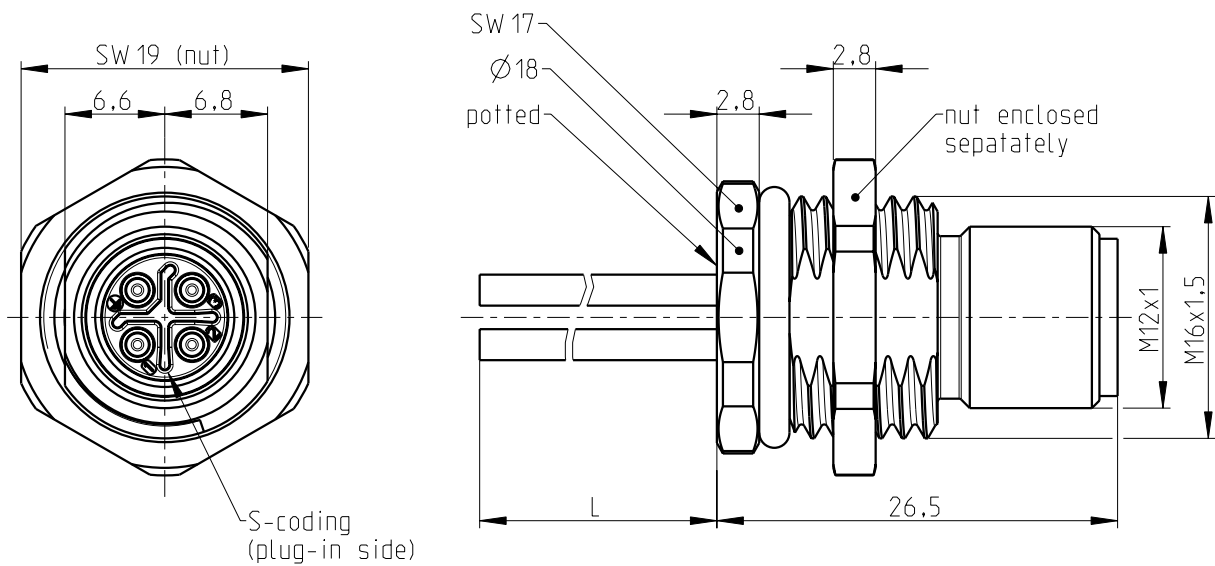


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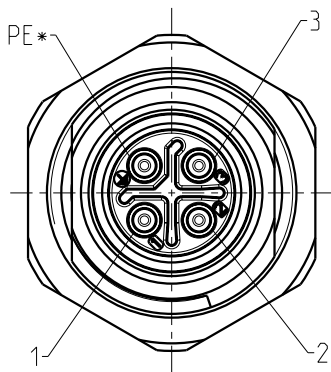
Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	3+PE / S	housing / surface	CuZn / Ni
contact termination	crimp / pin	contact carrier	PA / UL 94 V0
contact-Ø	1,5mm	colour	black
temperature range	-40 °C / +85 °C	wire	mPPE
protection class	IP 66 / IP 67	cross section	AWG16 (1,31mm²)
mating cycles	> 100	contacts / surface	CuZn / Au
locking system	M12 Standard	sealing gasket	FKM
		potting	PU 2k / UL 94 V0

further information:
- see technical data M12-4
- see installation recommendation M16x1,5 design DSI



The specified electrical and mechanical data require a correctly locked pair of connectors.
If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap >IP54.
Influences from wires, cables or PCB mounting are also to be taken into consideration.

View of pin assignment
Plug-in side



Pin layout

pin	colour
1	black "1"
2	black "2"
3	black "3"
PE	green/yellow

order-no.	L (m)
1424132	0,5
1051349	2,5

* PE connected to housing

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 6 / 2018-09-12		scale: 2:1		
	date	name	description: Housing with crimp contacts pin Rear mounting (M16x1,5)					page: 1 of: 1	
design	2011-09-15	Thumm							
chk.									
			drawing-no.:	BP-L20H0G0AX,XX (X,XX=L)		doc.-no.:	00634703		
			order-no.:	see chart					
			article designation:	SACC-DSI-M12MSS-4CON-M16/L (see chart) PE					