

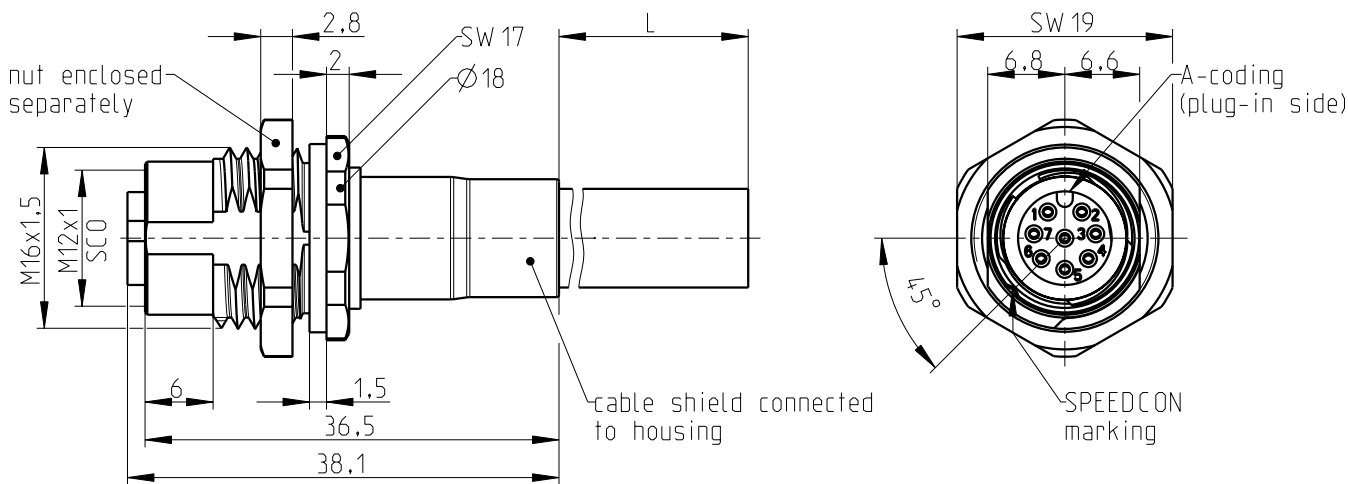
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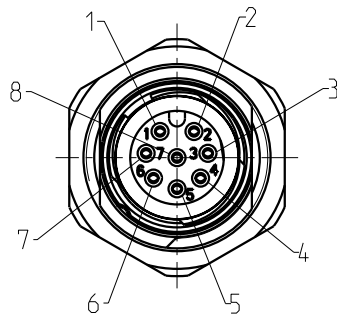
Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	8 / A	housing / surface	GD-Zn / Ni
contact termination	crimp / socket	contact carrier	PA 66 / UL 94 V0
contact-Ø	0.8mm	colour	black
temperature range	-40 °C / +85 °C	cable	970
protection class	IP 67	cross section	1x2xAWG22/2x2xAWG26
mating cycles	> 100	contacts / surface	CuZn / Au
locking system	M12 STANDARD / SPEEDCON	sealing gasket	FKM
		potting	PU 2k / UL 94 V0

further information:
- see technical data M12-1
- see installation recommendation M16x1,5 design DSI



All specified data refers to the mounted M12 installation plugs >IP54 and requires that the connector pair is correctly plugged and locked. 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	pin	colour
1	n.c.	5	green/white
2	orange/white	6	blue
3	orange	7	brown
4	n.c.	8	green

order-no.	L (m)
1239595	0,5
1239596	1,0
1239597	2,0
1239598	5,0

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 2 / 2014-06-04		scale: 3:2		
	date	name	description: Housing with crimp contacts Rear mounting (M16x1,5)					page: 1 of: 1	
design	2011-08-15	Thumm							
chk.									
			drawing-no.:	BAK-51MA37AX,XX (X,XX=L)		doc.-no.:	97012269		
			order-no.:	see chart					
			article designation:	SACCBP-M12FS-6CON-M16/L (see chart) -970X					