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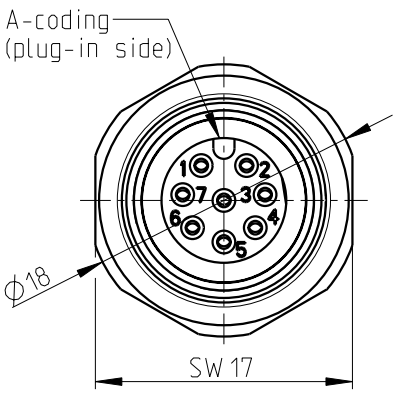
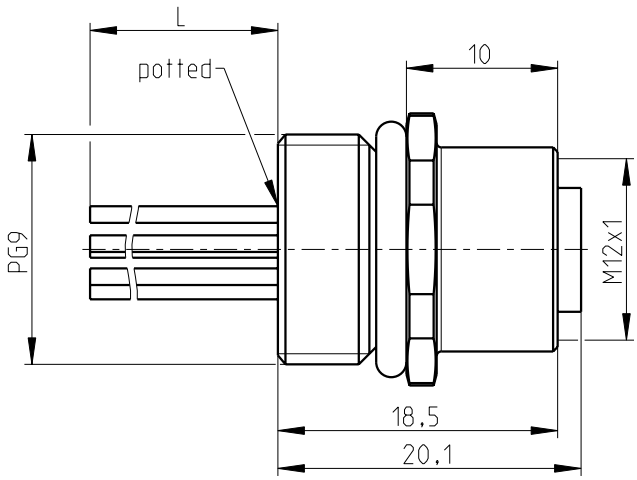
Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	8 / A	housing	V4A
contact termination	crimp / socket	contact carrier colour	PA 66 / UL 94 V0 black
contact-Ø	0,8mm		
temperature range	-40 °C / +85 °C	wire	TPE
protection class	IP 67	cross section	0,25mm²
mating cycles	>100	contacts / surface	CuZn / Au
locking system	M12 STANDARD	sealing gasket	FKM
		potting	PU 2k / UL 94 V0

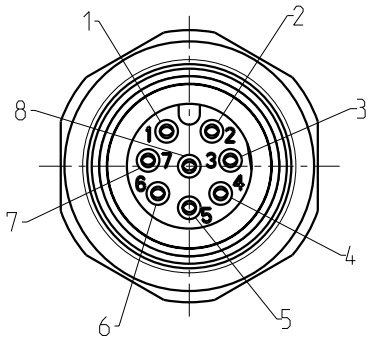
further information:
- see technical data M12-1
- see installation recommendation PG9 design E





All specified data refers to the mounted M12 installation plugs ≥ IP54 and requires that the connector pair be 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	white	5	grey
2	brown	6	pink
3	green	7	blue
4	yellow	8	red

order-no.	L (m)	article designation
1554607	0,5	SACC-E-M12FS-8CON-PG9/0,5 VA
1401205	1,0	SACC-E-M12FS-8CON-PG9/1,0 VAPO
1413355	1,5	SACC-E-M12FS-8CON-PG9/1,5 VA

general tolerance acc. to DIN ISO 2768-c			technical changes reserved	Index 2 / 2014-02-14	scale: 2:1
	date	name	description: Housing with crimp contacts Front mounting (PG9)		page: 1 of: 1
design	2012-04-19	Thumm			
chk.					
			drawing-no.: BA-L51RBB0FX,XX (X,XX=L)	doc.-no.: 00657226	
PHOENIX CONTACT			order-no.: see chart		
			article designation: see chart		

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