

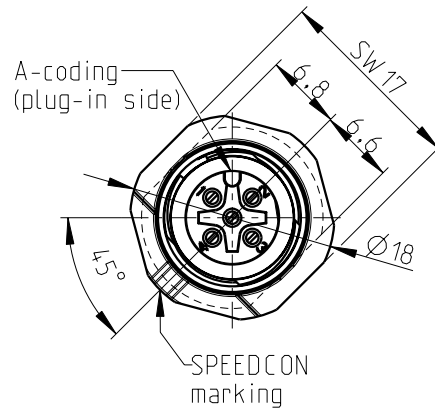
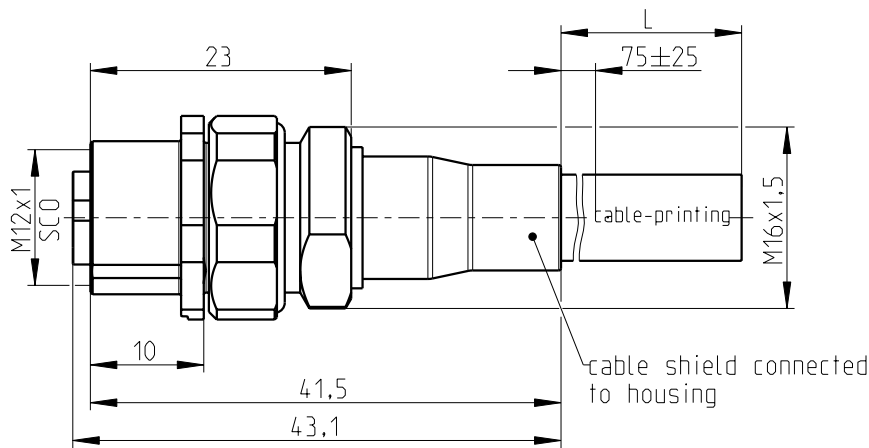
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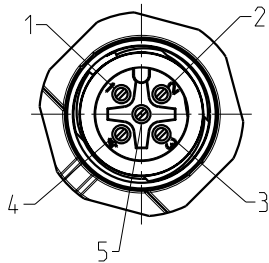
Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	5 / A	housing / surface	GD-Zn / Ni
contact termination	crimp / socket	contact carrier	PA 66 / UL 94 V0
contact-Ø	1mm	colour	purple
temperature range	-40 °C / +85 °C	cable	920
protection class	IP 67	cross section	1x2xAWG24/1x2xAWG22
mating cycles	> 100	contacts / surface	CuZn / Au
locking system	M12 STANDARD / SPEEDCON	sealing gasket	NBR
		potting	PU 2k / UL 94 V0

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



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	cross section
1	shield (Drain)	-
2	red (V+)	AW G22
3	black (V-)	AW G22
4	white (CAN_H)	AW G24
5	blue (CAN_L)	AW G24

order-no.	L (m)	cable-printing
1525678	0,5	Art.-Nr. 1525678 0,5m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ
1525681	1,0	Art.-Nr. 1525681 1,0m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ
1525694	2,0	Art.-Nr. 1525694 2,0m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ
1525704	5,0	Art.-Nr. 1525704 5,0m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ
1525717	10,0	Art.-Nr. 1525717 10,0m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ
1405418	15,0	Art.-Nr. 1405418 15,0m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ
1405420	20,0	Art.-Nr. 1405420 20,0m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ
1405421	25,0	Art.-Nr. 1405421 25,0m 920 1x2xAWG24 / 1x2xAWG22 KW / JJ

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 2 / 2012-03-08	scale: 3:2
	date	name	description: Housing with crimp contacts Front mounting (M16x1,5)			
design	2011-08-26	Thumm				
chk.						
			drawing-no.:	BAK-3KQ020BX,XX (X,XX=L)		
			order-no.:	see chart		
			article designation:	SACCEC-M12FS-5CON-M16/L (see chart) -920		
						page: 1 of: 1