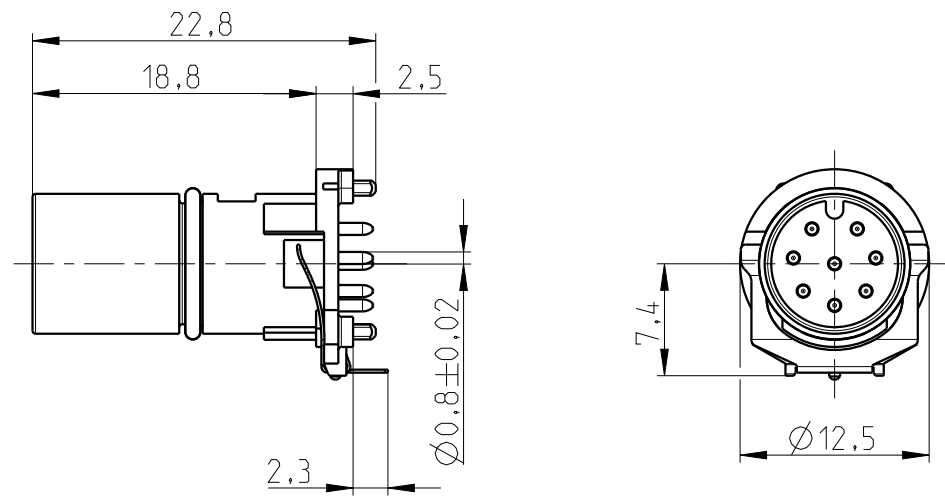


The copying, distribution and utilisation of this document as well as the communication of the contents to others without expressed authorization is prohibited according to §18 UWG German Law. Offenders will be held liable for the payment of damages according to §19 UWG German Law. All rights reserved, in particular the right to carry out patent, utility model or ornamental design registrations.

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts gem. §18 UWG verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz (§19 UWG). Alle Rechte vorbehalten, insbesondere das Recht, Patent-, Gebrauchsmuster- oder Geschmacksmusteranmeldungen durchzuführen. PHOENIX CONTACT Connector Technology GmbH Heisenbergstrasse 1 D-71083 Herrenberg

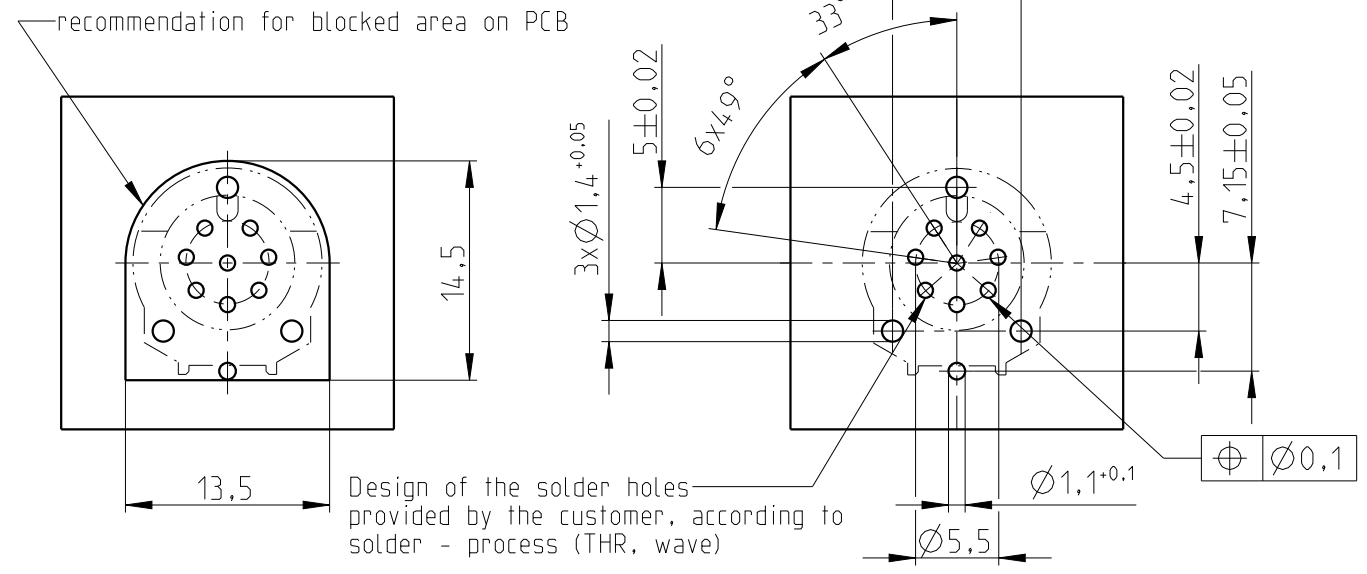
Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	8 / A (with shield connection)	contacts / surface	CuZn with gold layer
contact termination	dip solder / pin	contact carrier colour	PA6T/66 black
contact-Ø	8xØ0,8mm	sealing gasket	FKM
temperature range	-40 °C to +85 °C		
protection class	IP67		
mating cycles	>100		

further information:
- see technical data M12-3



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.

drilling plan component side (front view PC-Board)

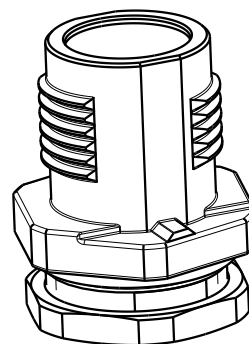
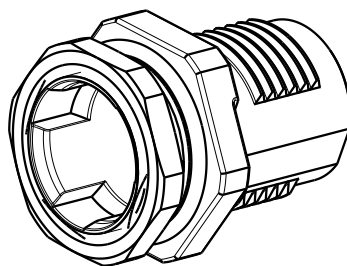
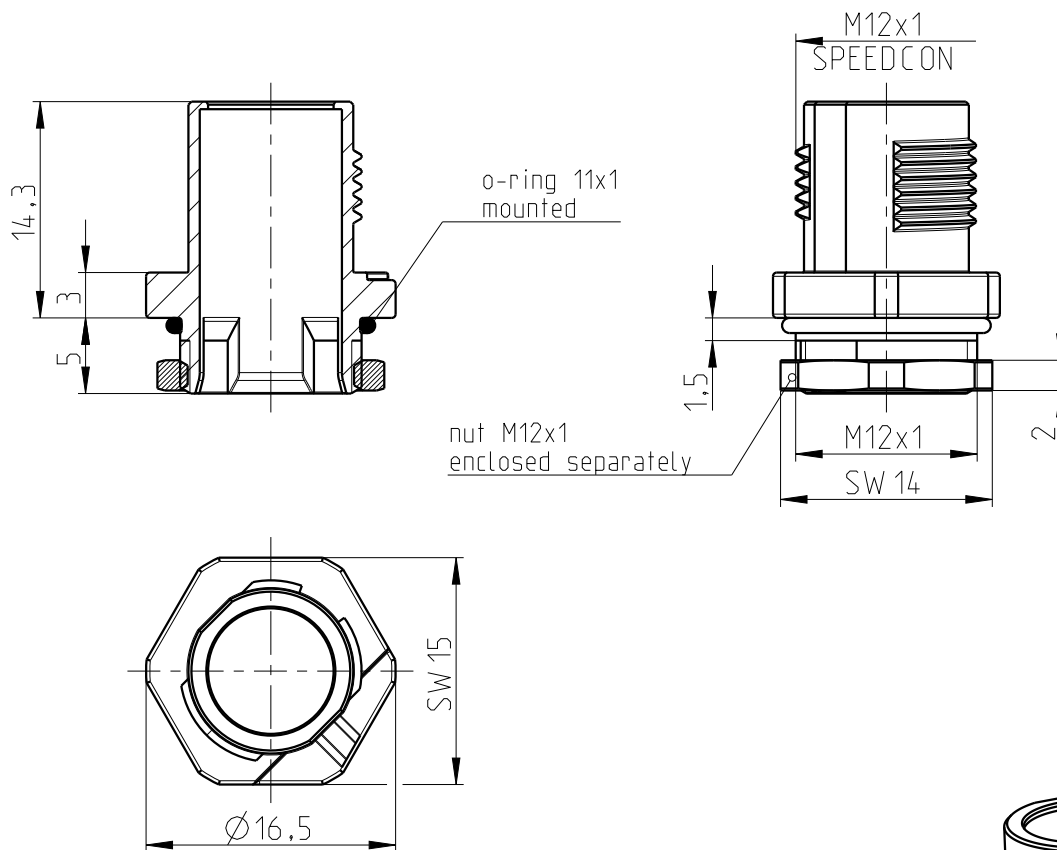


1557578	SACC-DSIV-MS-8CON-L180-THR SH
1240055	SACC-DSIV-MS-8CON-L180-THR SHX

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 4 / 2022-05-11		scale: 2:1		
	date	name	Series DSIV						
design	2012-07-05	Scheerer	M12 SPEEDCON housing screw connection male						
chk.			8-pole pin/B-cod./shield connection/SCO/o-ring					page: 1 of: 2	
			drawing-no.:		BS-08P2NC2M3B4		doc.-no.:	00671143	
			order-no.:		see chart				
			article designation:		see chart				

Mechanical data (according to IEC 61076-2-101)	
Locking thread	M12 SPEEDCON
Material	
flange housing	GD-Zn, nickel plated
sealing gasket	EPDM
nut	brass, nickel-plated
temperature range	-40 °C to +85 °C

further information:
- see installation recommendation SACC-M12-SCO PLUG



All specified data refers to the mounted M12 installation plugs $\geq$ 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.

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 4 / 2022-05-11		scale: 2:1		
	date	name	Series DSIV M12 SPEEDCON housing screw connection male 8-pole pin/B-cod./shield connection/SCO/o-ring					page: 2 of: 2	
design	2012-07-05	Scheerer							
chk.									
			drawing-no.:		BS-08P2NC2M3B4		doc.-no.: 00671143		
			order-no.:		see chart (1. side)				
			article designation:		see chart (1. side)				