

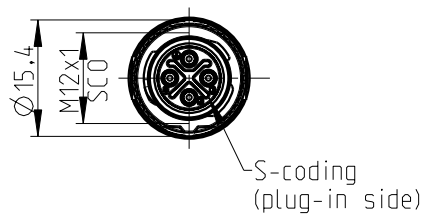
The copying, distribution and utilization of this document as well as the communication of the contents to others without expressed authorization is prohibited according to §18 UWG German Law. Offenders will be held liable for the payment of damages according to §19 UWG German Law. All rights reserved,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

Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	3+PE / S	housing / surface	GD-Zn / Ni
contact termination	crimp / pin - socket	contact carrier colour	PA / UL 94 V0 black
contact- $\varnothing$	1,5mm	cable	PUR
temperature range	-40 °C / +85 °C	cross section	1,5mm <sup>2</sup>
protection class	IP 66 / IP 67	contacts / surface	CuZn / Au
mating cycles	> 100	sealing gasket	FKM
locking system	M12 Standard / SPEEDCON	overmold / colour	TPU / black

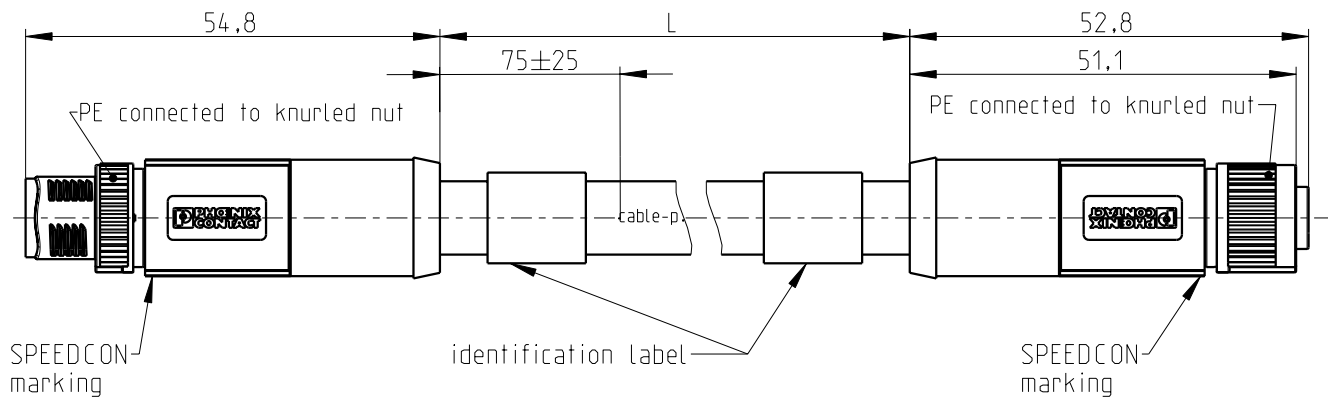
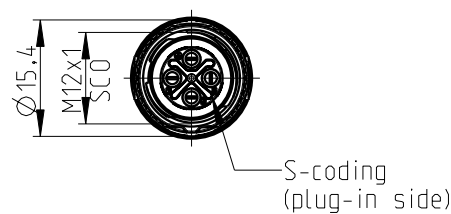
further information:  
- see technical data M12-4

order-no	L (m)	article-designation
1416410	1,0	Art.-Nr. 1416410 1,0m PUR 4x1,5 KW / JJ
1417581	3,0	Art.-Nr. 1417581 3,0m PUR 4x1,5 KW / JJ
1417583	4,0	Art.-Nr. 1417583 4,0m PUR 4x1,5 KW / JJ
1416409	5,0	Art.-Nr. 1416409 5,0m PUR 4x1,5 KW / JJ
1417584	6,0	Art.-Nr. 1417584 6,0m PUR 4x1,5 KW / JJ
1419202	7,0	Art.-Nr. 1419202 7,0m PUR 4x1,5 KW / JJ
1416408	10,0	Art.-Nr. 1416408 10,0m PUR 4x1,5 KW / JJ

View of pin assignment  
Plug-in side (pin)



View of pin assignment  
Plug-in side (socket)



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.

general tolerance acc. to DIN ISO 2768-c		technical changes reserved	Index 3 / 2015-03-25	scale: 1:1
design	date: 2014-10-08 name: Scheerer	M12 Power, 4-pole pin / socket overmolded, straight, AC, unshielded		page: 1 of: 1
chk.				
		order-no.:	see chart	
		article designation:	SAC-4P-MSS/L (see chart) -PUR/FSS PE SCO	
		doc.-no.:	00826612	

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. PHENIX CONTACT Connector Technology GmbH, Heisenbergstrasse 1, D-71083 Herrenberg