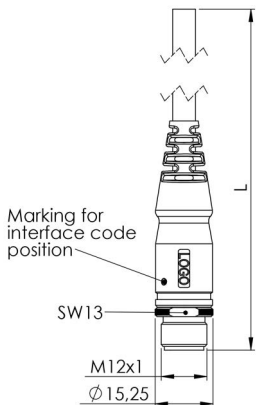


M12 open-end cordset M12SMA Series

EMI/RFI shielded open-ended cordset, M12x1 male with PUR or PVC cable



3 contacts



4 contacts



5 contacts



8 contacts



360° EMI/RFI shielded backshell

PART NUMBERING SYSTEM

M12 S M A 3 PUR 1

Connector:

M12

Cable:

S = EMI/RFI shielded

Connector gender:

M = male connector

Cable length (m):

1 / 2 / 3 / 5 / 10 (custom length also available)

Cable outer jacket:

PUR or PVC

Number of contacts:

3, 4, 5 or 8

Coding:

A

TECHNICAL SPECIFICATIONS

General values

Connector	Male M12x1, axial
Number of contacts	3, 4, 5 or 8
Coding	A
Temp. range	-30°C to +90°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm
Wire cross section	0.34 mm ² / 0.25 mm ²
Bending radius	5 x Ø fixed, 10 x Ø repeated

Electrical values

Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Contact material	CuZn, Brass alloy, Au-plated
Contact body material	PA
Coupling nut material	CuZn, Brass alloy, Ni-plated
Grip body material	TPU
Cable jacket material	PUR or PVC
Wire insulation material	PP