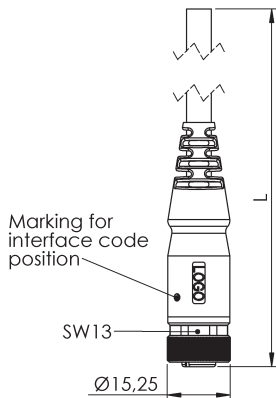


# M12 open-end cordset M12SFA Series

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



3 contacts



4 contacts



5 contacts

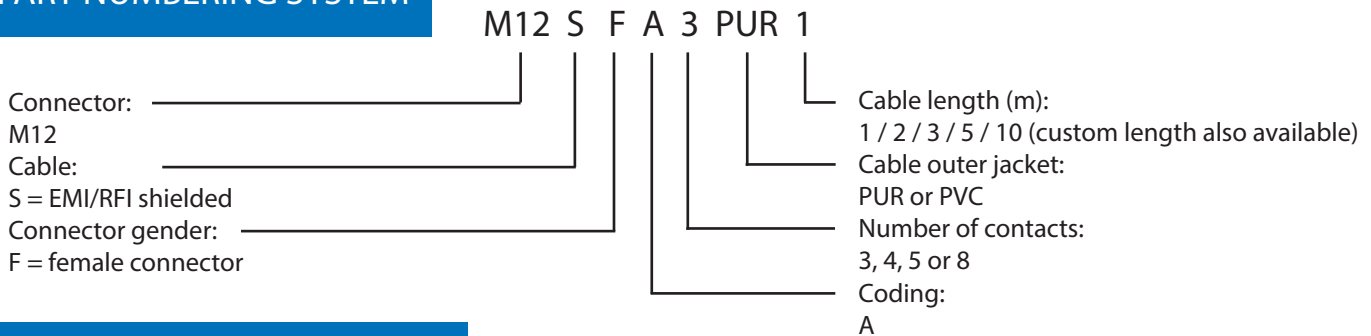


8 contacts



## 360° EMI/RFI shielded backshell

## PART NUMBERING SYSTEM



## TECHNICAL SPECIFICATIONS

### General values

Connector	Female 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 <sup>2</sup> / 0.25 mm <sup>2</sup>
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