

U.I. Lapp GmbH	DATA SHEET/ Datenblatt	 LAPP GROUP
	AB-C5-M12FS-PG9	22260644 valid from/ gültig ab: 01.06.2010

Description

S/A connector, female, straight, 5-pos., M12, A-coded, screw connection, metal knurl, cable screw connection Pg9



General data

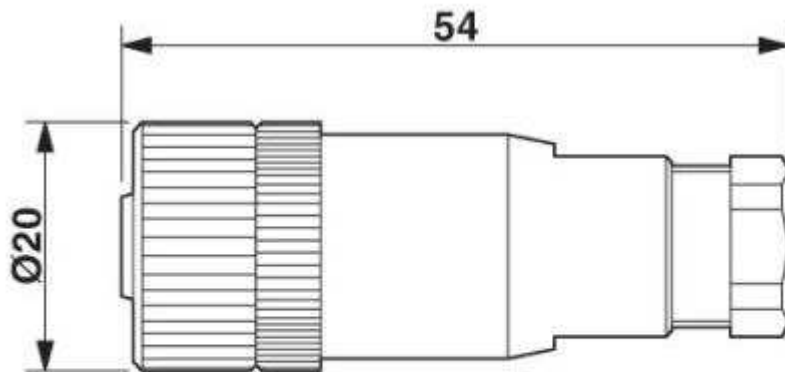
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-40 °C ... 85 °C (p lug/socket)

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Type of connection	Screw connection
Conductor cross section stranded min.	0.25 mm ²
Conductor cross section stranded max.	0.75 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	18
External cable diameter	6 mm ... 8 mm
Status display	No

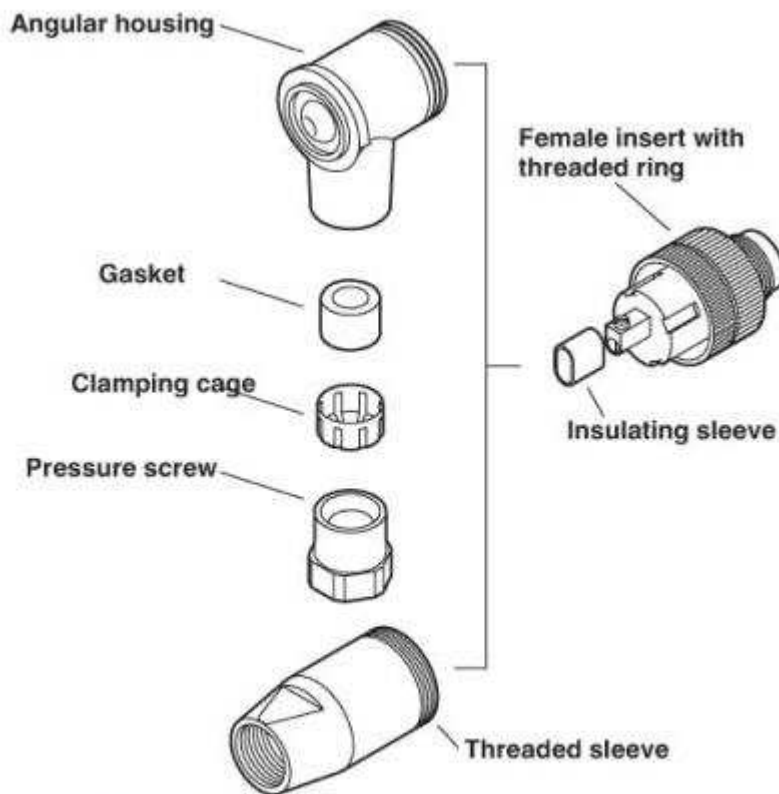
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Technical drawings




Dimensioned drawing 1

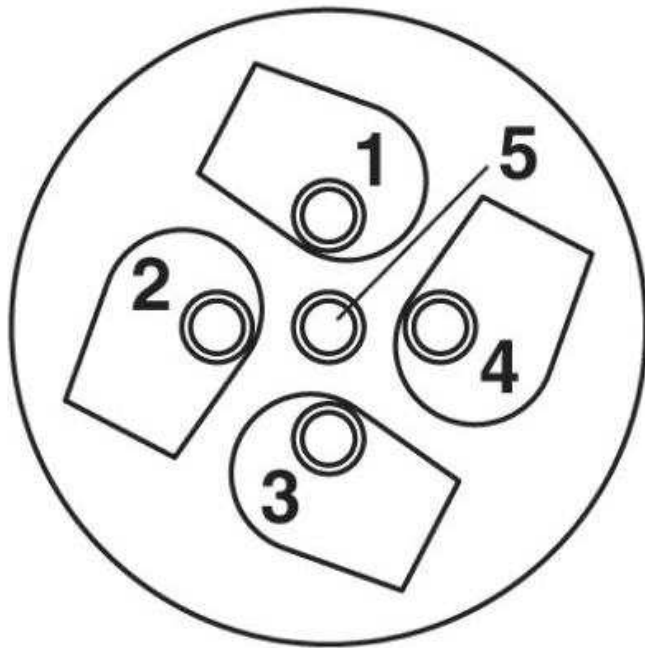
M12 x 1 female connector, straight



Schematic diagram 1

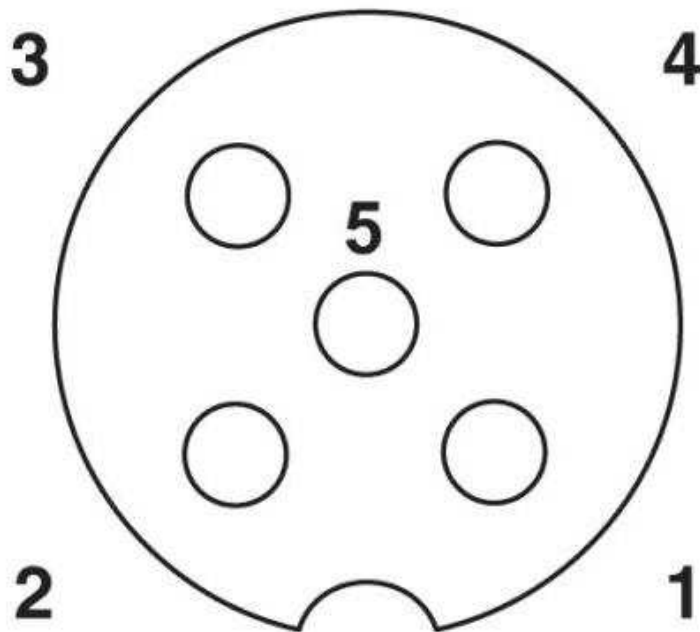
Male/Female M12

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Schematic diagram 2

Cable connection side M12 (screw connection)



Schematic diagram 3

Pin assignment M12 socket, 5-pos., A-coded, socket side view

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