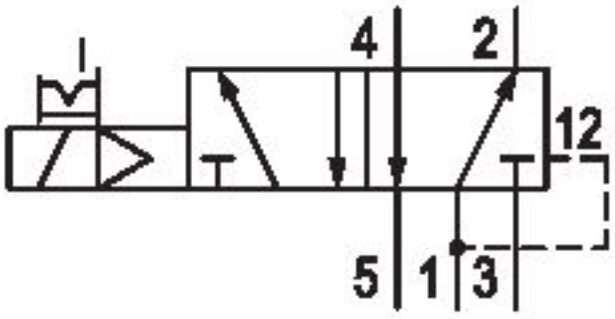
Round plug connector, Series CON-RD

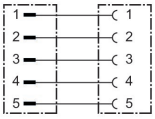
R412022193

AVENTICS Series CON-RD Round plug connectors with cable

The AVENTICS Series CON-RD-with cable offers cables with round plug connectors for various types like M8x1, M12x1 or 7/8-16UNC and different cable length, optimized for our focused valves with M8x1 or M12x1 connection and electronic systems like AES and G3.

- Round plug connectors with connected cable
- M8x1, M12x1, M23, 7/8"
- Y cable





Technical data

Industry	Industrial
Type	Round plug connectors
Cable	with cable
Operational voltage	48 V AC/DC
Electrical connection 1, type	Socket
Electrical connection 1, thread size	M12x1
Electrical connection 1, number of poles	5-pin
Electrical connection 1, coding	A-coded
Cable exit 1	straight
Cable exit angle	180°
Electrical connection 2, type	Plug
Electrical connection 2, thread size	M12x1
Electrical connection 2, number of poles	5-pin
Electrical connection 2, coding	A-coded
Cable exit 2	angled
Cable exit angle	90°
Number of wires	4
Shielding	shielded
Cable length L	2 m
suitable for dynamic laying	suitable for dynamic laying
Min. bending radius	54 mm
Protection class	IP68
Min. ambient temperature	-20 °C
Max. ambient temperature	85 °C
Max. current	4 A
Wire cross-section	0.34 mm²
Cable-Ø	5.4 mm

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Mounting screw tightening torque	0.8 Nm

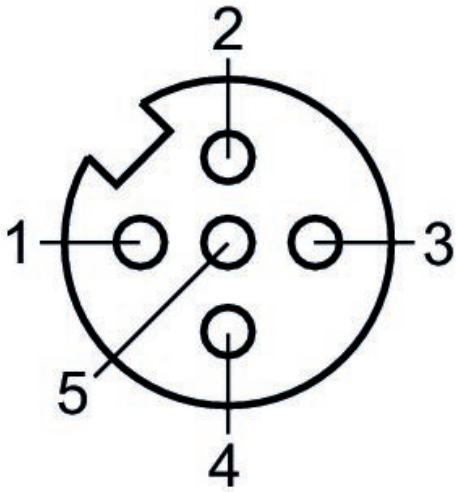
Material

Housing material	Polyurethane
Material cable sheath	Polyurethane
Part No.	R412022193

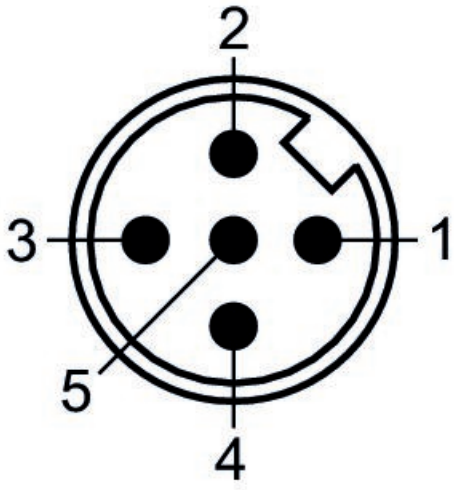
Technical information

The specified protection class is only valid in assembled and tested state.

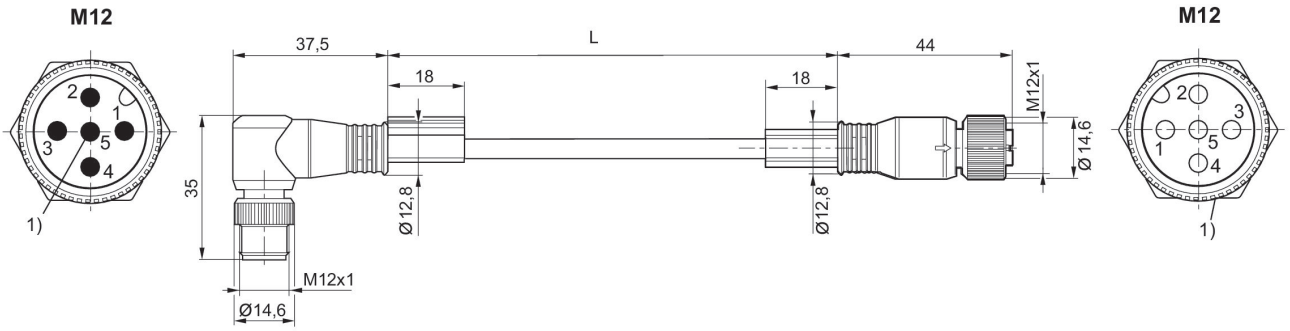
Pin assignment, socket



Plug pin assignment



Dimensions



L = length
PIN assignment 1:1
1) Shield is connected to pin 5 of the plug and the knurled screw of the socket.