

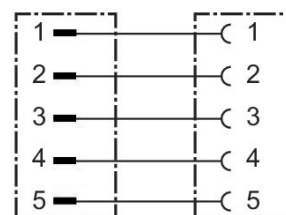
Round plug connector, Series CON-RD

8946054712

General series information

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.



Technical data

Industry	Industrial
Type	Round plug connectors
Cable	with cable
Operational voltage	60 V DC / 110 V AC
Operating voltage AC max.	36 V DC
Operating voltage DC, max.	30 V AC
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	straight
Cable exit angle	180°
Number of wires	5
Shielding	shielded
Cable length	10 m
Bending radius min.	45 mm
Protection class	IP67
Min. ambient temperature	-25 °C
Max. ambient temperature	80 °C
Protocol	DDL
Max. current	4 A
Wire cross-section	0.34 mm ²
Cable-Ø	6 mm
Weight	0.536 kg

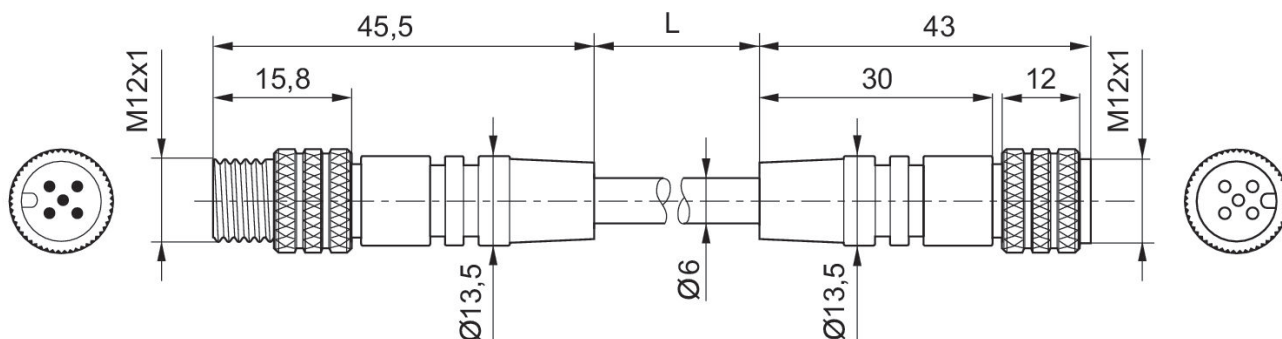
Material

Housing material	Polyurethane
Seal material	Fluorocaoutchouc
Material cable sheath	Polyurethane
Part No.	8946054712

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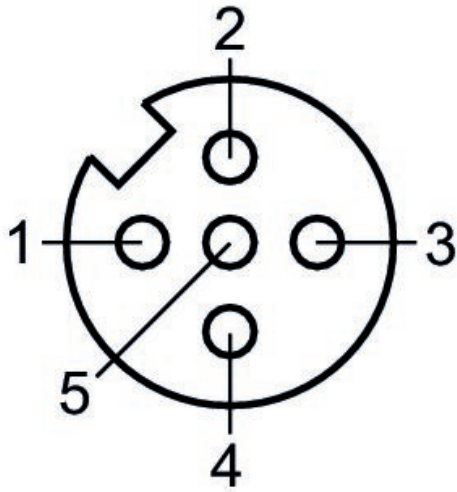
The specified protection class is only valid in assembled and tested state.

Dimensions



L = cable length

Pin assignment, socket



Plug pin assignment

