

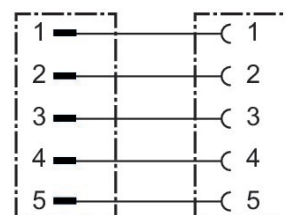
# Round plug connector, Series CON-RD

8946054662

## 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	0.3 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 <sup>2</sup>
Cable-Ø	6 mm
Weight	0.051 kg

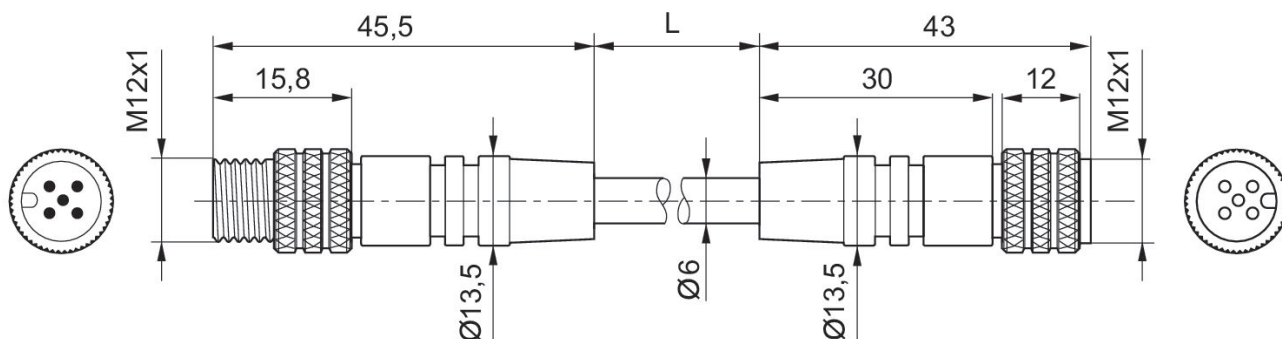
## Material

Housing material	Polyurethane
Seal material	Fluorocaoutchouc
Material cable sheath	Polyurethane
Part No.	8946054662

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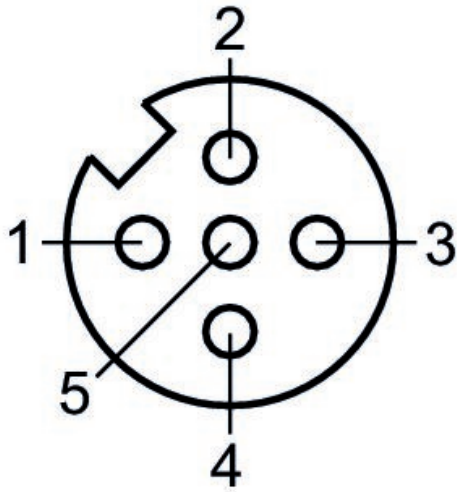
The specified protection class is only valid in assembled and tested state.

## Dimensions



L = cable length

Pin assignment, socket



Plug pin assignment

