

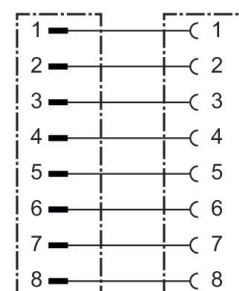
Round plug connector, Series CON-RD

8946202812

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

Type

Cable

Operational voltage

Operating voltage AC max.

Operating voltage DC, max.

Electrical connection 1, type

Electrical connection 1, thread size

Electrical connection 1, number of poles

Electrical connection 1, coding

Cable exit

Cable exit angle

Industrial

Round plug connectors
with cable

60 V DC / 110 V AC

36 V DC

30 V AC

Socket

M12x1

8-pin

A-coded

straight

180°

Electrical connection 2, type	Plug
Electrical connection 2, thread size	M12x1
Electrical connection 2, number of poles	8-pin
Electrical connection 2, coding	A-coded
Cable exit	straight
Cable exit angle	180°
Number of wires	8
Shielding	shielded
Cable length	1 m
suitable for dynamic laying	suitable for dynamic laying
Protection class	IP67
Min. ambient temperature	-25 °C
Max. ambient temperature	80 °C
Max. current	1.5 A
Wire cross-section	0.25 mm ²
Cable-Ø	6.6 mm
Weight	0.96 kg

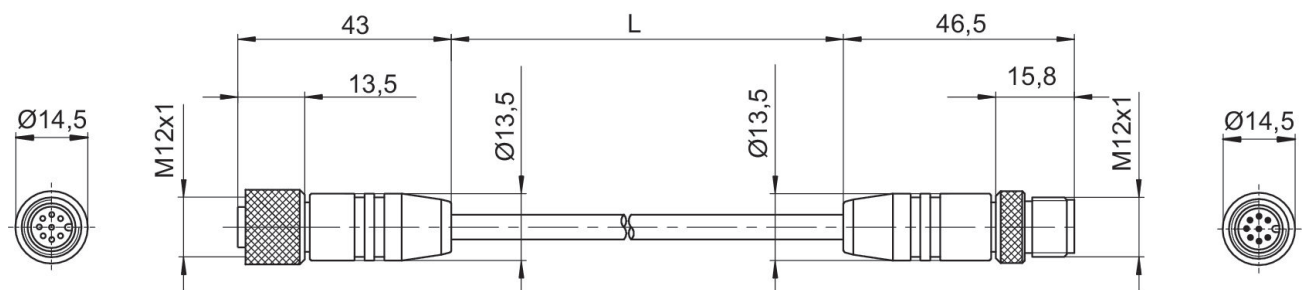
Material

Housing material	Polyurethane
Seal material	Fluorocaoutchouc
Material cable sheath	Polyurethane
Part No.	8946202812

Technical information

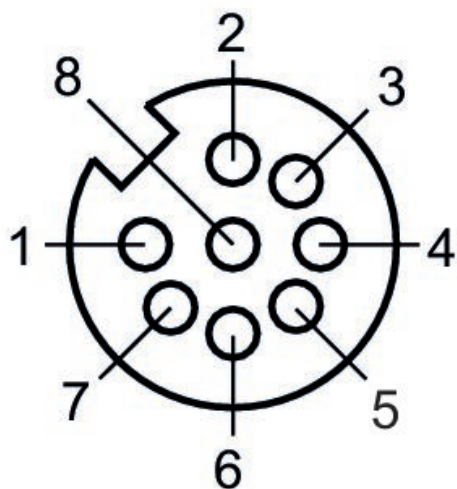
The specified protection class is only valid in assembled and tested state.

Dimensions



L = length

Pin assignment, socket



Plug pin assignment

