

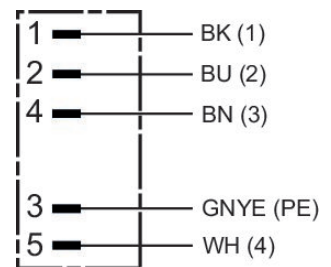
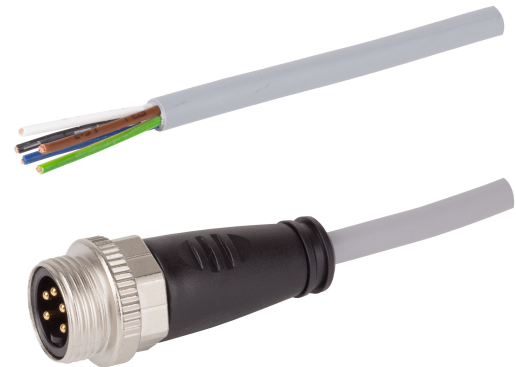
Round plug connector, Series CON-RD

R412024841

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

48 V AC/DC

Operating voltage AC max.

48 V DC

Operating voltage DC, max.

48 V AC

Electrical connection 1, type

Plug

Electrical connection 1, thread size

7/8"-16UNF

Electrical connection 1, number of poles

5-pin

Cable exit 1

straight

Cable exit angle

180°

Electrical connection 2, type

open cable ends

Electrical connection 2, number of poles

5-pin

Number of wires	5
Shielding	unshielded
Cable length	5 m
Bending radius min.	72 mm
Protection class	IP67
Min. ambient temperature	-25 °C
Max. ambient temperature	80 °C
Max. current	12 A
Wire cross-section	1 mm ²
Cable-Ø	7.2 mm
Delivery unit	1 piece
Weight	0.449 kg

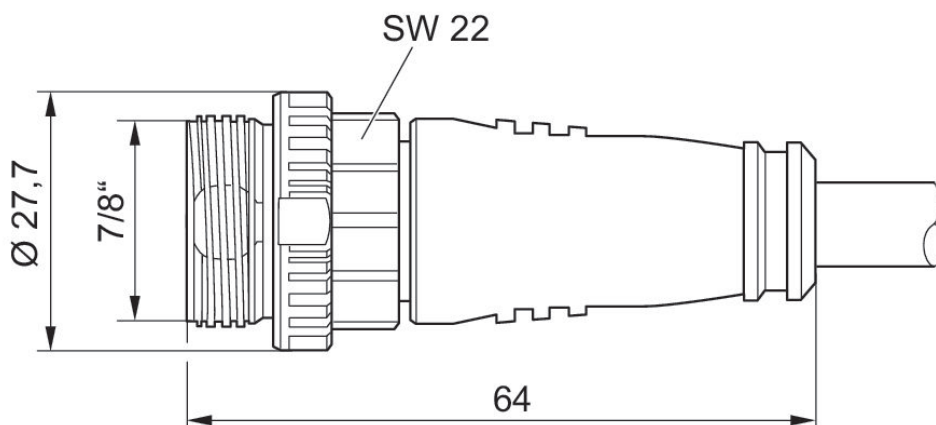
Material

Housing material	Thermoplastic elastomer
Material cable sheath	Polyurethane
Part No.	R412024841

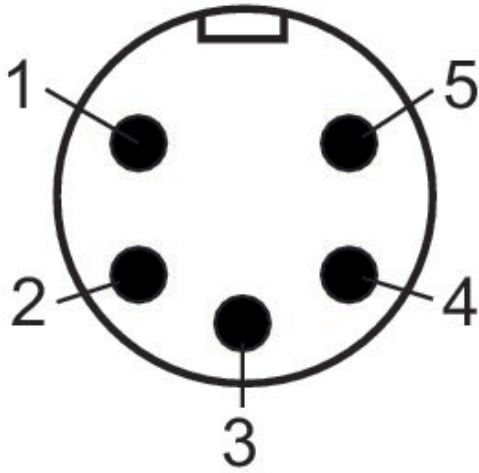
Technical information

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

Dimensions



Plug pin assignment



PIN 1 BK=black (1) PIN 2 BU=blue (2) PIN 3 GNYE=green/yellow (PE) PIN 4 BN=brown (3) PIN 5 WH=white (4)