

M12-Round-Plug Connector, Double-Ended Cordsets, According to IEC 60529

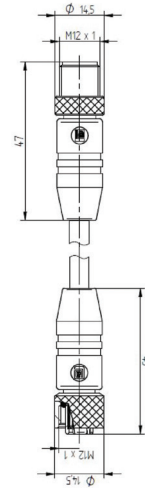
RSTS- RKTS



8-Poles

Actuator/sensor double-ended cordset, M12 male straight to female straight connector with threaded joint and molded cable, shielding connected to knurled nut

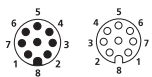
RSTS - RKTS



Pin Assignments

M12 Male/Female

8 poles



- 1 = white
- 2 = brown
- 3 = green
- 4 = yellow
- 5 = grey
- 6 = pink
- 7 = blue
- 8 = red

Be Certain with Belden

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Technical Data

Environmental

Degree of protection IP 67 / IP 68 / IP 69K
Operating temperature range -25°C / +85°C

Mechanical

Housing / Molded body TPU, orange
Insert PBT, black
Contact CuZn
Contact surface Cu/Au
Coupling nut CuZn, nickel-plated
Shield sleeve CuZn, tin-plated
O-ring FKM

Electrical

Contact resistance $\leq 5 \text{ m}\Omega$
Nominal current at 40°C 2A
Rated voltage 30 V AC/DC
Test voltage 1.5 kV
Insulation resistance $> 10^9 \Omega$
Pollution degree 3 DIN EN 60664-1 (VDE0110)

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
299	PUR, halogen-free, shielded	8 x 0.25 mm ²	Black	.260" (6.6 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
Male Straight to Female				
RSTS 8-RKTS 8-299/...M	8	PUR, halogen-free	1 M / 2 M / 3 M / 5 M / 10 M	