

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

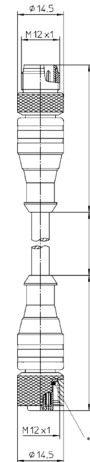
RSTS - RKTS



5-Poles (360° Shielding)

Actuator/sensor double-ended cordset, M12 male straight to female straight connector with threaded joint and molded cable, 360° shielding connected to knurled nut

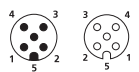
RSTS - RKTS



Pin Assignments

M12

5 poles



- 1 = brown
- 2 = white
- 3 = blue
- 4 = black
- 5 = grey

Be Certain with Belden

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Technical Data

Environmental

Degree of protection	IP67
Operating temperature range	-25°C (-13°F) / +80°C (+176°F)

Mechanical





Housing / Molded body	TPU, orange
Insert	TPU black
Contact	CuSn
Contact surface	Ni/Au0,3
Coupling nut	CuZn, nickel-plated
Shield sleeve	CuZn, tin-plated
O-ring	FKM

Electrical

Contact resistance	≤ 5 mΩ
Nominal current at 40°C	4 A
Rated voltage	63 V AC/DC
Test voltage	1.5 kV
Insulation resistance	> 10 ⁹ Ω
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
183	PVC, shielded	5 x 0.34 mm ²	Orange	.196" (5.0 mm)
298	PUR, halogen-free, shielded	5 x 0.34 mm ²	Black	.230" (5.85 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RSTS 5-RKTS 5-183/...M	5	PVC	0.3M / 0.6M / 1M / 1.5M / 2M / 5M	   
RSTS 5-RKTS 5-298/...M	5	PUR, halogen-free	0.3M / 0.6M / 1M / 1.5M / 2M / 5M	