

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

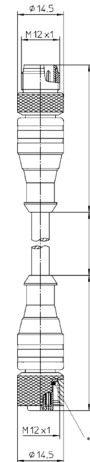
### RSTS - RKTS



### 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

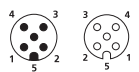
### RSTS - RKTS



## Pin Assignments

### M12

### 5 poles



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

# Be Certain with Belden

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

### 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 <sup>9</sup> 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 <sup>2</sup>	Orange	.196" (5.0 mm)
298	PUR, halogen-free, shielded	5 x 0.34 mm <sup>2</sup>	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	    

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Lumberg Automation:

[RSTS 5-RKTS 5-298/15 M](#) [RSTS 5-RKTS 5-298/0.6 M](#) [RSTS 5-RKTS 5-298/7 M](#) [RSTS 5-RKTS 5-298/2 M](#) [RSTS 5-RKTS 5-298/2.5 M](#) [RSTS 5-RKTS 5-298/10 M](#) [RSTS 5-RKTS 5-298/1 M](#) [RSTS 5-RKTS 5-298/5 M](#)