

M12 Power Double-ended connector, 5-pins, K-coded

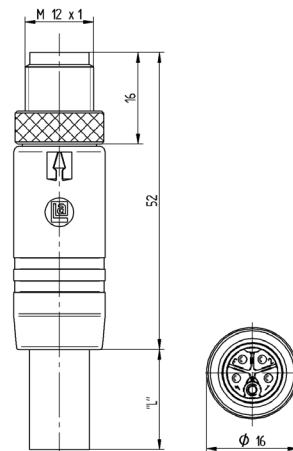
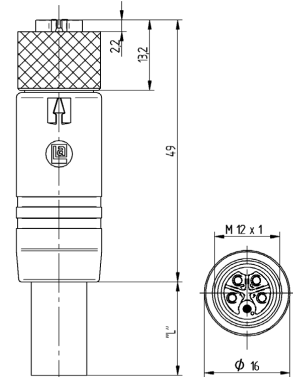
RST 5K-RKT 5K



5-Pole

M12 power cordset male straight to female straight, 5-pins, K-coded, 630 V, black or blue overmold

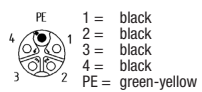
RST 5K-RKT 5K



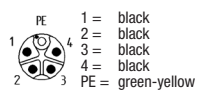
Pin Assignments

M12 K-coded

RKT 5K (female)



RST 5K (male)



Be Certain with Belden

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Technical Data

Environmental

Degree of protection IP65, IP67, IP69K
 Operating temperature range -40°C to +125°C

Type

Type contacts female/male
 Number of contacts 4 (3+PE); K - Coding
 Standard IEC 61076-2-111
 Construction type K-coded
 Conductor size 1.5 mm²
 Color contact bearer K: blue

Mechanical

Over molding TPE, blue or black
 Contact bearer PBT GF
 Contact CuNi
 Contact plating Cu/Au
 Screw Coupling Material CuZn
 O-ring FKM
 Surface coupling nut Cu/Ni
 Shielding sleeve CuZn, plating: Ni

Electrical data

Contact resistance ≤ 10 mΩ
 Rated Current 16 A (1.5 mm² and 2.5mm²)
 10 A (0.75 mm²)
 Rated voltage 630 V
 Insulation resistance > 10⁹ Ω
 Pollution degree 3 acc. to DIN EN 60664-1 (VDE 0110-1)

Flammability class

over molding UL 94 HB
 Contact bearer UL 94 V-2

Approvals

VDE DIN EN 61984: in preparation
 UL K-Coding (Pending)

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Gauge	Jacket Color	OD
735	PVC	5 x 1.50 mm ²	16	Black	0.338" (8.6 mm)
736	PVC	5 x 0.75 mm ²	19	Black	0.263" (6.7 mm)
911	PUR, halogen-free	5 x 1.50 mm ²	16	Black	0.314" (8.0 mm)

Part Number	Pins	Overmold	Gauge	Standard Cable Lengths	Characteristics
RST 5K-RKT 5K-735/...M	5K	Blue	16	2M / 5M / 10M	
RST 5K-RKT 5K-735/...M SW	5K	Black	16	2M / 5M / 10M	
RST 5K-RKT 5K-736/...M SW	5K	Black	19	2M / 5M / 10M	
RST 5K-RKT 5K-736/...M	5K	Black	19	2M / 5M / 10M	
RST 5K-RKT 5K-911/...M SW	5K	Black	16	2M / 5M / 10M	
RST 5K-RKT 5K-911/...M	5K	Black	16	2M / 5M / 10M	