

**M12 Power female or male connector, 5-pins, K-coded**

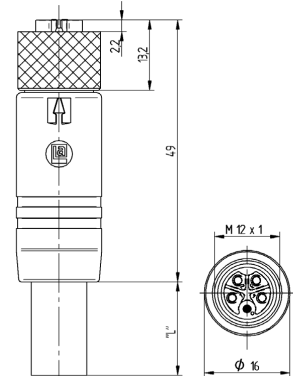
**RKT 5K | RST 5K**



**5-Pole**

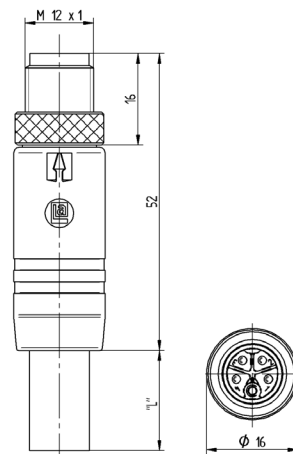
M12 Power female connector, 5-pins, K-coded, 630 V, black or blue overmold

**RKT 5K**



M12 Power male connector, 5-pins, K-coded, 630 V, black or blue overmold

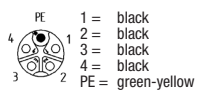
**RST 5K**



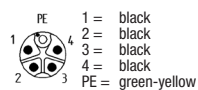
**Pin Assignments**

**M12 K-coded**

**RKT 5K (female)**



**RST 5K (male)**



# Be Certain with Belden

## M12 Power female or male connector, 5-pins, K-coded

### 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 mm<sup>2</sup>  
 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 mm<sup>2</sup> and 2.5mm<sup>2</sup>)  
 10 A (0.75 mm<sup>2</sup>)  
 Rated voltage 630 V  
 Insulation resistance > 10<sup>9</sup> 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 <sup>2</sup>	16	Black	0.338" (8.6 mm)
736	PVC	5 x 0.75 mm <sup>2</sup>	19	Black	0.263" (6.7 mm)
911	PUR, halogen-free	5 x 1.50 mm <sup>2</sup>	16	Black	0.314" (8.0 mm)

Part Number		Pins	Overmold	Gauge	Standard Cable Lengths	Characteristics
Female	Male					
RKT 5K-735/...M	RST 5K-735/...M	5K	Blue	16	2M / 5M / 10M / 15M	
RKT 5K-736/...M	RST 5K-736/...M	5K	Blue	19	2M / 5M / 10M / 15M	
RKT 5K-911/...M	RST 5K-911/...M	5K	Blue	16	2M / 5M / 10M / 15M	
RKT 5K-735/...M SW	RST 5K-735/...M SW	5K	Black	16	2M / 5M / 10M / 15M	
RKT 5K-736/...M SW	RST 5K-736/...M SW	5K	Black	19	2M / 5M / 10M / 15M	
RKT 5K-911/...M SW	RST 5K-911/...M SW	5K	Black	16	2M / 5M / 10M / 15M	