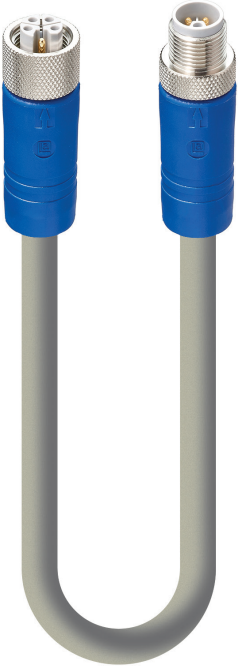


**M12 Power Double-Ended Cordsets, L-coding, 5-Pole, Blue or Black Overmold**

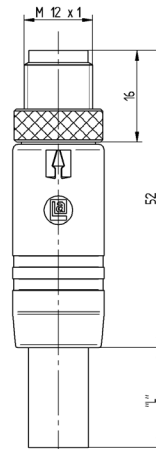
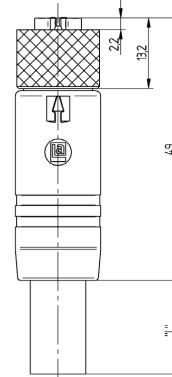
**RST(S) 5L-RKT(S) 5L**



**5-Pole**

M12 power double-ended cordset male straight to female straight, 5-Pole, L-coded, shielded/unshielded 50 V AC/60 V DC, blue or black overmold.

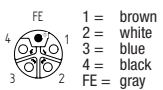
**RST(S) 5L-RKT(S) 5L**



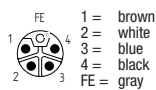
**Pin Assignments**

**M12 L-coded**

**RKT(S) 5L (female)**



**RST(S) 5L (male)**



## M12 Power Double-Ended Cordsets, L-coding, 5-Pole, Blue or Black Overmold

### 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 RST-RKT: 5 (4+PE);, L - Coding  
 RSTS-RKTS: 5 (4+PE);, L - Coding

(Shielded)

Standard IEC 61076-2-111  
 Construction type L-coded  
 Conductor size 1.5 mm<sup>2</sup>  
 Color contact bearer L: light grey (Ral 7035)

#### 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

#### Electrical data

Contact resistance ≤ 10 mΩ  
 Rated Current 16 A (1.5 mm<sup>2</sup> and 2.5mm<sup>2</sup>)  
 Operating voltage 50 V AC/ 60 V DC  
 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 L-coding: UL 2238, E315587

### Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Gauge	Jacket Color	Shield	OD
949	PUR, halogen-free	5 x 1.50 mm <sup>2</sup>	16	Gray		0.409" (10.4 mm)
956	PUR, halogen-free	5 x 1.50 mm <sup>2</sup>	16	Gray	braid	0.409" (10.4 mm)
950	PUR, halogen-free	5 x 2.50 mm <sup>2</sup>	14	Gray		0.385" (9.80 mm)
957	PUR, halogen-free	5 x 2.50 mm <sup>2</sup>	14	Gray	braid	0.484" (12.30 mm)

Part Number	Pins	Shielded	Overmold	Standard Cable Lengths	Characteristics
RST 5L-RKT 5L-949	5		Blue	0.3M / 0.6M / 1M / 2M / 5M / 10 M	 
RST 5L-RKT 5L-949 SW	5		Black	0.3M / 0.6M / 1M / 2M	 
RSTS 5L-RKTS 5L-956	5S	Shielded	Blue	0.3M / 0.6M / 1M / 2M	  
RSTS 5L-RKTS 5L-956 SW	5S	Shielded	Black	0.3M / 0.6M / 1M / 2M	