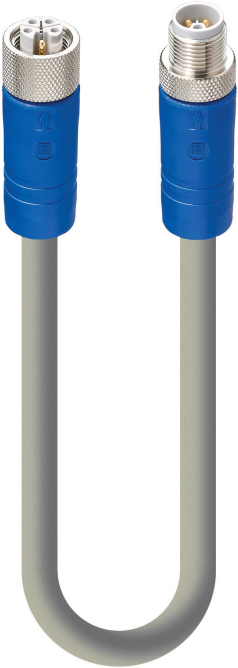


M12 Power Double-Ended Cordsets, L-coding, 5-Pole, Blue or Black Overmold

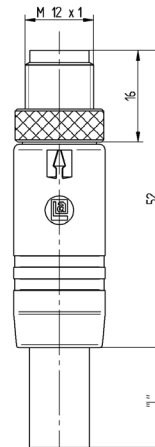
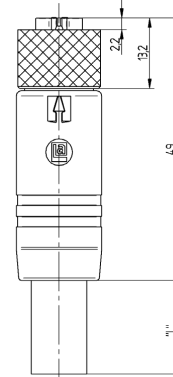
RST(S) 5L-RKT(S) 5L



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.

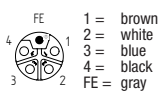
RST(S) 5L-RKT(S) 5L



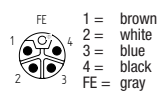
Pin Assignments

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 mm²
 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 mm² and 2.5mm²)
 Operating voltage 50 V AC/ 60 V DC
 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 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 ²	16	Gray		0.409" (10.4 mm)
956	PUR, halogen-free	5 x 1.50 mm ²	16	Gray	braid	0.409" (10.4 mm)
950	PUR, halogen-free	5 x 2.50 mm ²	14	Gray		0.385" (9.80 mm)
957	PUR, halogen-free	5 x 2.50 mm ²	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	  

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[0103 03](#) [WKV 81](#) [RK 30-738/20F](#) [RKMV 4-225/10 M](#) [RKT 5-644/2M](#) [RKT 4-679/5M](#) [HZ30](#) [ASBS 2 M12-S2326](#) [1614 16](#) [0985 706](#)
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