

M12 Power Double-Ended Cordsets, S-coding, 4-Pole with or without Shielding, Blue or Black Overmold

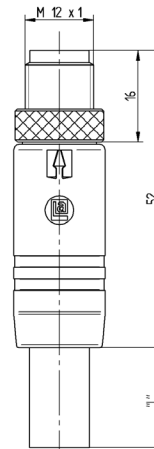
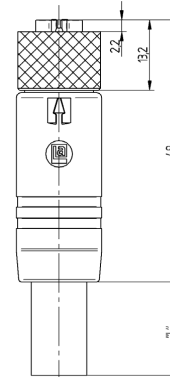
RST(S) 4S-RKT(S) 4S



4-Pole

M12 power double-ended cordset male straight to female straight, 4-pin, S-coded, shielded or unshielded, 600 V AC/DC, blue or black overmold.

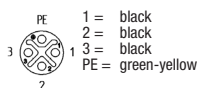
RST(S) 4S-RKT(S) 4S



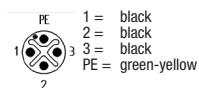
Pin Assignments

M12 S-coded

RKT(S) 4S (female)



RST(S) 4S (male)



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Technical Data

Environmental

Degree of protection	IP65, IP67, IP69K (only when mated to associated counterparts)
Operating temperature range	-40°C to +125°C mind cable temperature range

Type

Type contacts	female/male
Number of contacts	4 (3+PE);, S - Coding 4 (3+PE), S-Coding (Shielded)
Standard	IEC 61076-2-111
Construction type	S-coded
Conductor size	1.5 mm ²
Color contact bearer	S: black (Ral 9005)

Mechanical

Over molding	TPE, blue or black
Contact bearer	PBT GF
Contact	CuNi
Contact plating	CuNi, gold-plated
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 ²)
Operating voltage	600 V AC/DC
Insulation resistance	> 10 ⁹ 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	S-Coding (Pending)

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Gauge	Jacket Color	Shield	OD
703	PUR , halogen-free	4 x 1.50 mm ²	16	Black		0.291" (7.4 mm)
733	PVC	4 x 1.50 mm ²	16	Black		0.314" (8.0 mm)
700	PUR , halogen-free	4 x 1.50 mm ²	16	Black	Braid	0.370" (9.4 mm)

Part Number	Pins	Shielded	Overmold	Standard Cable Lengths	Characteristics
RST 4S-RKT 4S-703	4		Blue	2M / 5M / 10M	  
RST 4S-RKT 4S-703 SW	4		Black	2M / 5M / 10M	  
RST 4S-RKT 4S-733	4		Blue	2M / 5M / 10M	  
RST 4S-RKT 4S-733 SW	4		Black	2M / 5M / 10M	  
RSTS 4S-RKTS 4S-700	4S	Shielded	Blue	2M / 5M / 10M	  
RSTS 4S-RKTS 4S-700 SW	4S	Shielded	Black	2M / 5M / 10M	