lumbergautomation
A BELDEN BRAND

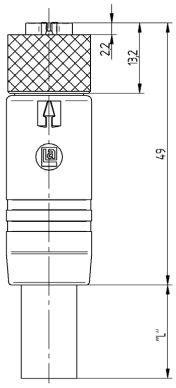
Single-Ended Overmolded M12 Power female or male connector for Power Applications, 4-Pole, S-coded

RKT 4S | RST(S) 4S

4-Pole

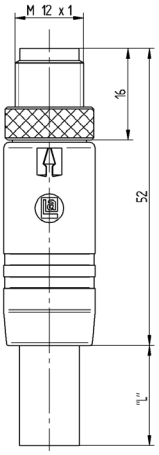
M12 power female shielded/unshielded cordset, straight, with threaded joint and molded cable, knurled screw with self-locking threaded joint, Optional 360° shielding connected to knurled screw, 4-pin, S-coded

RKT 4S



M12 power male shielded/unshielded cordset, straight, with threaded joint and molded cable, knurled screw with self-locking threaded joint, Optional 360° shielding connected to knurled screw, 4-pin, S-coded

RST(S) 4S



Pin Assignments

M12 S-coded

RKT 4S (female)

1 = black
2 = black
3 = black
PE = green-yellow

RST(S) 4S (male)

1 = black
2 = black
3 = black
PE = green-yellow

Be Certain with

Single-Ended Overmolded M12 Power female or male connector for Power Applications, 4-Pole, S-coded

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
Standard	IEC 61076-2-111
Construction type	S-coded
Conductor size	1.5 mm²
Color contact bearer	S: black (Ral 9005)

Mechanical

Over molding	TPE, blue or black
Contact bearer	PBT GF
Contact plating	RKT(S): CuNi RST(S): 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 mm²)
Operating Voltage	600 V AC/DC
Insulation resistance	> 10^9 Ω
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Mating cycles	max. 100

Flammability class

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

Approvals

VDE	DIN EN 61984: in preparation
UL	S-Coding

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Gauge	Jacket Color	Shield	OD
703	**PUR**, halogen-free	**4** x 1.50 mm²	16	Black		0.291" (7.4 mm)
733	**PVC**	**4** x 1.50 mm²	16	Black		0.314" (8.0 mm)
700	**PUR**, halogen-free	**4** x 1.50 mm²	16	Black	Braid	0.370" (9.4 mm)
915	**PVC**	**4** x 1.50 mm²	16	Black	Braid	0.370" (9.4 mm)

Part Number	Pins	Shielded	Overmold	Standard Cable Lengths	Characteristics
RSTS 4S-700	4S	Shielded	Blue	2M / 5M / 10M / 15M	
RSTS 4S-700 SW	4S	Shielded	Black	2M / 5M / 10M / 15M	
RST 4S-703	4		Blue	2M / 5M / 10M / 15M	UL
RST 4S-703 SW	4		Black	2M / 5M / 10M / 15M	UL
RST 4S-733	4		Blue	2M / 5M / 10M / 15M	UL
RST 4S-733 SW	4		Black	2M / 5M / 10M / 15M	UL
RSTS 4S-915	4S	Shielded	Blue	2M / 5M / 10M / 15M	
RSTS 4S-915 SW	4S	Shielded	Black	2M / 5M / 10M / 15M	
RKT 4S-703	4		Blue	2M / 5M / 10M / 15M	UL
RKT 4S-703 SW	4		Black	2M / 5M / 10M / 15M	UL
RKT 4S-733	4		Blue	2M / 5M / 10M / 15M	UL
RKT 4S-733 SW	4		Black	2M / 5M / 10M / 15M	UL