

M12-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61076-2-101

RST

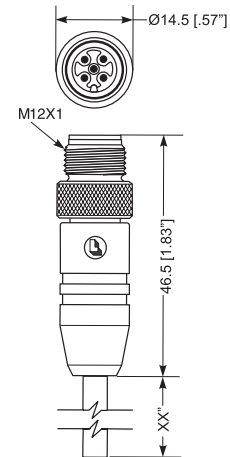


RST 8-627

3-, 4-, 5-, and 8-Poles

Actuator/sensor cordset, single-ended, M12, 3-, 4-, 5-, and 8-poles, male straight connector with self-locking thread and molded cable.

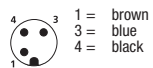
RST



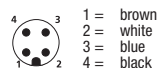
Pin Assignments

M12 - Male

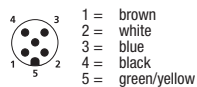
3 poles



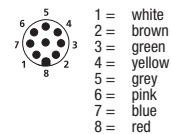
4 poles



5 poles



8 poles





Be Certain with Belden

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Technical Data

Environmental

Degree of protection
Operating temperature range

IP 67 / NEMA 6P
PUR: -40°C (-40°F) / +80°C (176°F)
PVC: -40°C (-40°F) / +90°C (194°F)
TPE: -40°C (-40°F) / +90°C (194°F)

Mechanical

Housing / Molded body

PUR, yellow
RST 8-627: PUR, black

Insert

PUR, Yellow
RST 8-627: PUR, orange

Contact

CuSn, gold over nickel-plated

Coupling nut

CuZn, nickel-plated

O-ring

FKM

Electrical

Current rating

4 A

Voltage rating

250 V

RST 8-627: 60 V AC / 75 V DC

Cable Specifications

Cable No.	Outer Jacket	Gauge	Jacket Color	OD
602	PUR	18AWG	Yellow	.230" (5.9 mm)
610	PUR	22AWG	Yellow	.190" (4.8 mm)
612	PVC	22AWG	Yellow	.210" (5.3 mm)
627	PVC	24AWG	Black	.232" (5.9 mm)
632	PVC	22AWG	Yellow	.190" (4.8 mm)
633	PVC	22AWG	Yellow	.190" (4.8 mm)
637	TPE	18AWG	Yellow	.280" (7.1 mm)
643	TPE	22AWG	Yellow	.246" (6.2 mm)
644	PUR	22AWG	Yellow	.210" (5.3 mm)
645	PUR	18AWG	Yellow	.220" (5.6 mm)
679	PUR	22AWG	Yellow	.190" (4.8 mm)
731	TPE	18AWG	Yellow	.284" (7.2 mm)

Cordsets
Single-Ended

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RST 3-731/...M	3	TPE	2 M / 5 M / 10 M	
RST 3-632/...M		PVC	2 M / 5 M / 10 M	
RST 3-645/...M		PUR	2 M / 5 M / 10 M	
RST 3-610/...M		PUR	2 M / 5 M / 10 M	
RST 4-637/...M	4	TPE	2 M / 5 M / 10 M	
RST 4-633/...M		PVC	2 M / 5 M / 10 M	
RST 4-643/...M		TPE	2 M / 5 M / 10 M	
RST 4-602/...M		PUR	2 M / 5 M / 10 M	
RST 4-679/...M		PUR	2 M / 5 M / 10 M	
RST 5-612/...M	5	PVC	2 M / 5 M / 10 M	
RST 5-644/...M		PUR	2 M / 5 M / 10 M	
RST 8-627/...M	8	PVC	2 M / 5 M / 10 M	