

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

RST

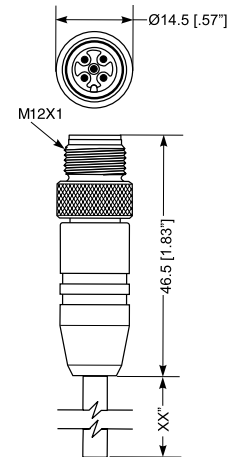


RST 8-627

### 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.

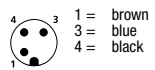
RST



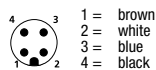
### Pin Assignments

#### M12 - Male

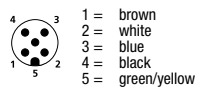
##### 3 poles



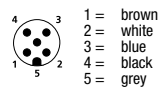
##### 4 poles



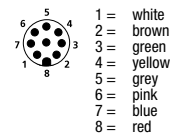
##### 5 poles (794)



##### 5 poles (all others)



##### 8 poles





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

### Technical Data

#### Environmental

Degree of protection	IP 67 / NEMA 6P
Operating temperature range	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 8-627/727: PUR, orange
Contacts	CuSn, gold over nickel-plated
Coupling nut	CuZn, nickel-plated

#### Electrical

Current rating	4 A
RST 8-XXX:	1.5A
Voltage rating	250 V 5-Pole: 60V 8-Pole: 30 V AC / 36 V DC

### Cable Specifications

Cable No.	Outer Jacket	Gauge	Jacket Color	OD
<b>602</b>	<b>PUR</b>	<b>18AWG</b>	Yellow	.230" (5.8 mm)
Continuous flex rating and suitable for general C-track usage. 1 million cycles at minimum bend radius 10X cable diameter.				
<b>610</b>	<b>PUR</b>	<b>22AWG</b>	Yellow	.190" (4.8 mm)
<b>612</b>	<b>PVC</b>	<b>22AWG</b>	Yellow	.210" (5.3 mm)
<b>627</b>	<b>PVC</b>	<b>24AWG</b>	Black	.232" (5.9 mm)
<b>632</b>	<b>PVC</b>	<b>22AWG</b>	Yellow	.190" (4.8 mm)
<b>633</b>	<b>PVC</b>	<b>22AWG</b>	Yellow	.190" (4.8 mm)
<b>637</b>	<b>TPE/PLTC</b>	<b>18AWG</b>	Yellow	.280" (7.1 mm)
<b>643</b>	<b>TPE/PLTC</b>	<b>22AWG</b>	Yellow	.246" (6.2 mm)
<b>644</b>	<b>PUR</b>	<b>22AWG</b>	Yellow	.210" (5.3 mm)
<b>645</b>	<b>PUR</b>	<b>18AWG</b>	Yellow	.220" (5.6 mm)
<b>679</b>	<b>PUR</b>	<b>22AWG</b>	Yellow	.190" (4.8 mm)
<b>713</b>	<b>TPE/PLTC</b>	<b>22AWG</b>	Yellow	.280" (7.1 mm)
<b>727</b>	<b>TPE/PLTC</b>	<b>22AWG</b>	Yellow	.335" (8.5 mm)
<b>731</b>	<b>TPE/PLTC</b>	<b>18AWG</b>	Yellow	.261" (6.6 mm)
<b>794</b>	<b>TPE/PLTC</b>	<b>18AWG</b>	Yellow	.304" (7.7 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RST 3-731/...M	3	TPE/PLTC	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/PLTC	2 M / 5 M / 10 M	
RST 4-633/...M		PVC	2 M / 5 M / 10 M	
RST 4-643/...M		TPE/PLTC	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 5-713/...M		TPE/PLTC	2 M / 5 M / 10 M	
RST 5-794/...M		TPE/PLTC	2 M / 5 M / 10 M	
RST 8-627/...M	8	PVC	2 M / 5 M / 10 M	
RST 8-727/...M		TPE/PLTC	2 M / 5 M / 10 M	

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Sensor Cables / Actuator Cables](#) category:*

*Click to view products by [Lumberg](#) manufacturer:*

Other Similar products are found below :

[60963](#) [60964](#) [M83513/19-F01CP](#) [703000D02F2002](#) [703000D02F300](#) [703001D02F0602](#) [703001D02F300](#) [704000D02F120](#) [773032K02F030](#)  
[802027107404-1](#) [804001A09M150](#) [805001A09M0502](#) [84914-0235](#) [84914-0237](#) [885030A09M020](#) [1200651332](#) [1200651713](#) [1200660844](#)  
[1200660845](#) [1200661173](#) [1200680071](#) [1200720053](#) [1200720081](#) [1200720099](#) [1200720217](#) [1200800231](#) [1200860125](#) [1200870123](#)  
[1200980102](#) [1200650267](#) [1200650298](#) [1200660183](#) [1200660782](#) [1200660849](#) [1200661295](#) [1200661297](#) [1200661342](#) [1200661343](#)  
[1200670080](#) [1200670220](#) [1200680331](#) [1200720252](#) [1200730184](#) [1200860344](#) [1200870359](#) [1200870643](#) [1200980008](#) [1200980031](#)  
[1210502211](#) [1210400542](#)