

**M8-Round-Plug Connector, Single-Ended Cordsets,  
According to IEC 61976-2-104**

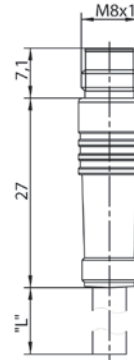
RSM 8-354



**8-Poles**

Actuator/ sensor cord sets, single-ended, M8 male connector without snap-in joint and molded cable.

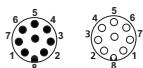
RSMV



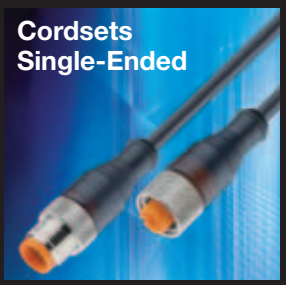
**Pin Assignments**

M8

8 Poles



- |            |          |
|------------|----------|
| 1 = white  | 5 = grey |
| 2 = brown  | 6 = pink |
| 3 = green  | 7 = blue |
| 4 = yellow | 8 = red  |



Be Certain with Belden

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**Technical Data**

**Environmental**

Degree of protection IP x8 / NEMA 6P (15m/48h & 100m/2h)  
Operating temperature range -25°C (-13°F) / +80°C (+176°F)

**Mechanical**





Housing / Molded body TPU  
Insert TPU  
Contact CuSn, & 0.8 microns gold-plated  
Receptacle shell CuZn, nickel-plated  
O-ring FKM

**Electrical data**

Contact resistance  $\leq 5 \text{ m}\Omega$   
Nominal current at 40°C 1 A  
Nominal voltage 30 V  
Rated voltage 36 V  
Test voltage 0.8 kV eff. / 60 s  
Insulation resistance  $> 10^9 \Omega$   
Pollution degree 3

**Cable Specifications**

| Cable No. | Outer Jacket      | Conductor Size           | Jacket Color | OD             |
|-----------|-------------------|--------------------------|--------------|----------------|
| 354       | PUR, halogen-free | 8 x 0.14 mm <sup>2</sup> | Black        | .197" (5.0 mm) |

| Part Number    | Pins | Outer Jacket | Standard Cable Lengths | Characteristics   |
|----------------|------|--------------|------------------------|---|
| RSM 8-354/...M | 8    | PUR          | 2 M / 5 M / 10 M       |     |

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