

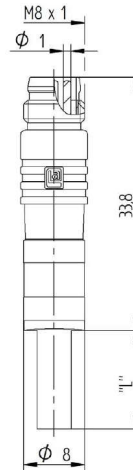
**M8-Round-Plug 5 Pole Snap Connector, Single-Ended Cordsets, IEC 61076-2-104**

**RSM 5 | RKM 5**



M8 sensor/actuator cordset single ended 5-pole male straight connector with snap joint and molded black PUR halogen-free or PVC cable

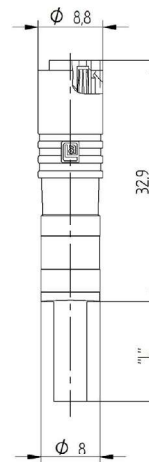
**RSM 5**



**5-Pole**

M8 sensor/actuator cordset single ended 5-pole female straight connector with snap joint and molded black PUR halogen-free or PVC cable

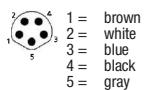
**RKM 5**



**Pin Assignments**

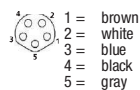
**M8**

**RKM Male 5 poles**



- 1 = brown
- 2 = white
- 3 = blue
- 4 = black
- 5 = gray

**RSM Female 5 poles**



- 1 = brown
- 2 = white
- 3 = blue
- 4 = black
- 5 = gray

# Be Certain with Belden

## M8-Round-Plug 5 Pole Snap Connector, Single-Ended Cordsets, IEC 61076-2-104

### Technical Data

#### Environmental

Degree of protection IP 65  
 Operating temperature range -40°C (-40°F) / +90°C (+194°F)

#### Type

Type of contacts Male/Female  
 Number of contacts 5  
 Standard IEC 61076-2-104  
 Construction type B-coded  
 Conductor size 0.25 mm<sup>2</sup>, 0.34 mm<sup>2</sup>

#### Mechanical




Over molding TPU  
 Contact bearer PA  
 Contact CuZn  
 Contact plating Au  
 Contact material Cu

#### Electrical data

Contact resistance ≤ 5 mΩ  
 Rated current 3 A (0.25 mm<sup>2</sup>)/4 A (0.34 mm<sup>2</sup>)/UL: 3A  
 Rated voltage 63 V AC\DC, UL: 30 V AC\DC  
 Rated impulse voltage 0.8 kV  
 Insulation resistance > 10<sup>9</sup> Ω  
 Pollution degree 3 acc. to IEC 60664-1 (VDE 0110-1)

### Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Gauge	Jacket Color	OD
293	PUR, halogen-free	5 x 0.34 mm <sup>2</sup>	22	Black	0.197" (5.0 mm)
506	PUR, halogen-free	5 x 0.25 mm <sup>2</sup>	24	Black	0.197" (5.0 mm)
507	PVC	5 x 0.25 mm <sup>2</sup>	24	Black	0.197" (5.0 mm)
671	PVC	5 x 0.34 mm <sup>2</sup>	22	Black	0.204" (5.2 mm)

Part Number		Pins	Overmold	Gauge	Standard Cable Lengths	Characteristics
Female	Male					
RKM 5-293/...M	RSM 5-293/...M	5	PUR, halogen-free	22	2M / 5M / 10M / 15M / 20M / 25M	
RKM 5-506/...M	RSM 5-506/...M	5	PUR, halogen-free	24	2M / 5M / 10M / 15M / 20M / 25M	
RKM 5-507/...M	RSM 5-507/...M	5	PVC	24	2M / 5M / 10M / 15M / 20M / 25M	
RKM 5-671/...M	RSM 5-671/...M	5	PVC	22	2M / 5M / 10M / 15M / 20M / 25M	