

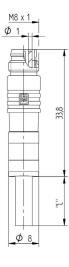
# M8-Round-Plug 5 Pole Snap Connector, Single-Ended Cordsets, IEC 61076-2-104

## RSM 5 I 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

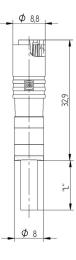




## 5-Pole

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**

RSM Female 5 poles





## 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  $-40^{\circ}\text{C} (-40^{\circ}\text{F}) / +90^{\circ}\text{C} (+194^{\circ}\text{F})$ 

Type

Type of contacts Male/Female

Number of contacts 5

Standard IEC 61076-2-104

Construction type B-coded

Conductor size 0.25 mm², 0.34 mm²

Mechanical

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

**Electrical data** 

 $\hspace{.1in} \text{Contact resistance} \hspace{.1in} \leq 5 \hspace{.1in} \text{m} \Omega$ 

Rated current 3 A (0.25 mm²)/4 A (0.34 mm²)/UL: 3A

Rated voltage 63 V AC\DC, UL: 30 V AC\DC

 $\begin{array}{ll} \mbox{Rated impulse voltage} & 0.8 \mbox{ kV} \\ \mbox{Insulation resistance} & > 10^9 \ \Omega \end{array}$ 

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	<b>5</b> x 0.34 mm <sup>2</sup>	22	Black	0.197" (5.0 mm)
506	PUR, halogen-free	<b>5</b> x 0.25 mm <sup>2</sup>	24	Black	0.197" (5.0 mm)
507	PVC	<b>5</b> x 0.25 mm <sup>2</sup>	24	Black	0.197" (5.0 mm)
671	PVC	<b>5</b> 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	20 20 EURS
RKM 5-506/M	RSM 5-506/M	5	PUR, halogen-free	24	2M / 5M / 10M / 15M / 20M / 25M	- Land Control of the
RKM 5-507/M	RSM 5-507/M	5	PVC	24	2M / 5M / 10M / 15M / 20M / 25M	c <b>?l</b> us
RKM 5-671/M	RSM 5-671/M	5	PVC	22	2M / 5M / 10M / 15M / 20M / 25M	<b> </b>