

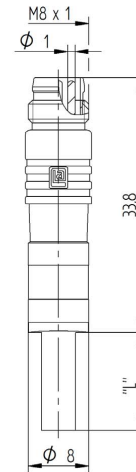
## M8-Round-Plug 5 Pole Snap Connector, Single-Ended Cordsets, IEC 61076-2-104

### 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

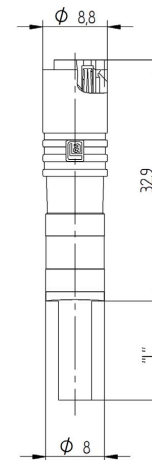
### RSM 5



### 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

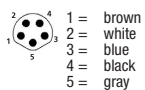
### RKM 5



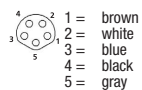
### Pin Assignments

#### M8

#### RKM Male 5 poles



#### 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°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 mm², 0.34 mm²

#### 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 mm²)/4 A (0.34 mm²)/UL: 3A
Rated voltage	63 V AC\DC, UL: 30 V AC\DC
Rated impulse voltage	0.8 kV
Insulation resistance	> 10⁹ Ω
Pollution degree	3 acc. to IEC 60664-1 (VDE 0110-1)

### Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Gauge	Jacket Color	OD
<b>293</b>	<b>PUR</b> , halogen-free	<b>5 x 0.34 mm²</b>	22	Black	0.197" (5.0 mm)
<b>506</b>	<b>PUR</b> , halogen-free	<b>5 x 0.25 mm²</b>	24	Black	0.197" (5.0 mm)
<b>507</b>	<b>PVC</b>	<b>5 x 0.25 mm²</b>	24	Black	0.197" (5.0 mm)
<b>671</b>	<b>PVC</b>	<b>5 x 0.34 mm²</b>	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	

# Mouser Electronics

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