

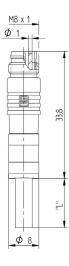
M8-Round-Plug 5 Pole Snap Connector, Single-Ended Cordsets, IEC 61076-2-104

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

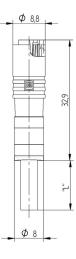




5-Pole

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





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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 | 5 x 0.34 mm ² | 22 | Black | 0.197" (5.0 mm) |
| 506 | PUR, halogen-free | 5 x 0.25 mm ² | 24 | Black | 0.197" (5.0 mm) |
| 507 | PVC | 5 x 0.25 mm ² | 24 | Black | 0.197" (5.0 mm) |
| 671 | PVC | 5 x 0.34 mm ² | 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 ?l us |
| RKM 5-671/M | RSM 5-671/M | 5 | PVC | 22 | 2M / 5M / 10M / 15M / 20M / 25M | e 9N us |