

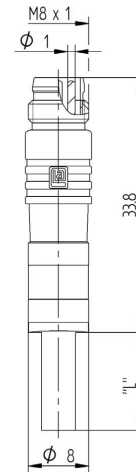
M8-Round-Plug 5 Pole Snap Connector, Single-Ended Cordsets, IEC 61076-2-104

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

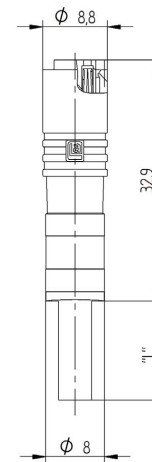
RSM 5



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

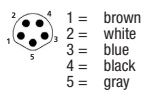
RKM 5



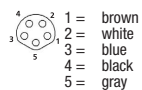
Pin Assignments

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
293	PUR , halogen-free	5 x 0.34 mm²	22	Black	0.197" (5.0 mm)
506	PUR , halogen-free	5 x 0.25 mm²	24	Black	0.197" (5.0 mm)
507	PVC	5 x 0.25 mm²	24	Black	0.197" (5.0 mm)
671	PVC	5 x 0.34 mm²	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

Authorized Distributor

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[RKM 5-293/10 M](#) [RKM 5-293/15 M](#) [RKM 5-293/2 M](#) [RKM 5-293/20 M](#) [RKM 5-293/25 M](#) [RKM 5-293/5 M](#) [RKM 5-671/10 M](#) [RKM 5-671/15 M](#) [RKM 5-671/2 M](#) [RKM 5-671/20 M](#) [RKM 5-671/25 M](#) [RKM 5-671/5 M](#) [RKM 5-507/10 M](#) [RKM 5-507/15 M](#) [RKM 5-507/2 M](#) [RKM 5-507/20 M](#) [RKM 5-507/25 M](#) [RKM 5-507/5 M](#) [RKM 5-506/10 M](#) [RKM 5-506/15 M](#) [RKM 5-506/2 M](#) [RKM 5-506/20 M](#) [RKM 5-506/25 M](#) [RKM 5-506/5 M](#)