

## M12-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61076-2-101

PRKT | PRKWT

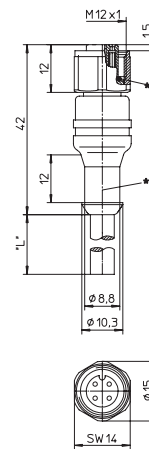


### 4- and 5-Poles (Stainless Steel)

Actuator/sensor cordset, single-ended, M12, 4- and 5-poles, female straight connector, internal threads with threaded joint and molded cable, hexagon screw in stainless steel.

– especially designed for use in food processing equipment applications –

PRKT



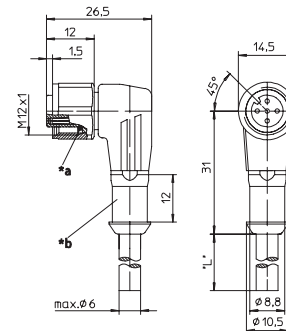
\*a O-ring  
b Hose mounting



Actuator/sensor cordset, single-ended, M12, 4- and 5-poles, female 90° connector, internal threads with threaded joint and molded cable, hexagon screw in stainless steel.

– especially designed for use in food processing equipment applications –

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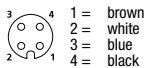


\*a O-ring  
b Hose mounting

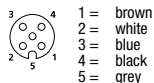
### Pin Assignments

M12 - Male

4 poles



5 poles





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### Technical Data

#### Environmental

Degree of protection IP 67 / 69K / NEMA 6P  
Operating temperature range -25°C (-13°F) / +70°C (+158°F)

#### Mechanical

Housing / Molded body TPU  
Insert TPU  
Contact CuSn, pre-nickel and 0.3 microns gold-plated  
Coupling nut stainless steel

#### Electrical

Contact resistance ≤ 5 mΩ  
Nominal current at 40°C 4 A  
Nominal voltage 4 poles 240 V  
5 poles 60 V  
Rated voltage 4 poles 250 V  
5 poles 63 V  
Test voltage 4 poles 2.0 kV eff. / 60 s  
5 poles 1.5 kV eff. / 60 s  
Insulation resistance > 10<sup>9</sup> Ω  
Pollution degree 3

### Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
<b>07</b>	<b>PVC</b>	4 x 0.25 mm <sup>2</sup>	Orange	.197" (5.0 mm)
<b>56</b>	<b>PVC</b>	5 x 0.34 mm <sup>2</sup>	Orange	.224" (5.7 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
PRKT 4-07/...M	4	PVC	5 M / 10 M / 25 M	
PRKT 5-56/...M	5	PVC	5 M / 10 M / 25 M	