



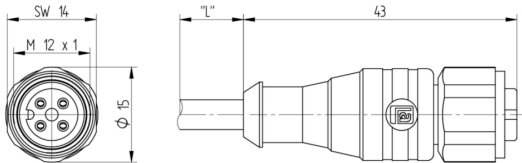
**Part Number: PRKT 4-07**

M12 F&B (PVC) Sensor/Actuator Single-Ended Cordset: Female, straight, 4-pin, A-coded, orange body, 230 V AC/DC, 4 A; PVC orange cable, 0.25 mm<sup>2</sup>

**Product Description**

M12 F&B (PVC) Sensor/Actuator Single-Ended Cordset: Female, straight, 4-pin, A-coded, orange body, 230 V AC/DC, 4 A; PVC orange cable, 0.25 mm<sup>2</sup>

**Technical Drawing**



**Technical Specifications**

**Face View**

Pin 1	Pin 2	Pin 3	Pin 4
brown	white	blue	black

**Technical Data**

Product Family:	Sensor / Actuator Connectors
Product Sub Family:	M12 F&B (PVC)
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Female
Connector Design:	Straight
Number of Pins:	4
Coding:	A
Shielding:	Unshielded
Attachment Type:	Coupling Nut
Rated Voltage:	250 V
Rated Impulse Voltage:	2.5 kV
Operating Voltage:	230 V AC/DC
Rated Current:	4 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation):	- 25 °C - + 70 °C

Protection Degree / IP Rating:	IP65, IP67
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	II acc. to DIN EN 60664-1 (VDE 0110-1)

## Materials

Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	PVC
Contact Bearer Color:	Orange
Molded Body Material:	PVC
Molded Body Color:	Orange
Attachment Material:	Stainless Steel
O-Ring Material:	EPDM, black

## Additional Technical Data

Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
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## Cable Data

Cable Number:	007
Conductor Size:	0.25 mm <sup>2</sup>
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 1 M
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	orange
Cable Diameter D:	ø 5.0 ± 0.2 mm
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 1.35 mm
Ambient Temperature (Fixed Installation):	- 40 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Flex Installation):	+ 5 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Drag Chain Inst):	+ 5 °C - + 60 °C
UL Cable Type:	AWM: 2464
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL VW-1
Cable Characteristics:	Free of lacquer wetting disturbing substances; Exclusion of silicone

## Safety & Environmental Compliance

RoHS Compliant:	yes
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## Resistances

Oil Resistance:	Good chemical and oil resistance
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## Notes

Protection Degree / IP Rating Note:	only if mounted and locked in combination with Hirschmann / Lumberg Automation connector
Note Derating:	Notice derating
Note:	Do not connect or disconnect under load.

## Variants

Item #	Item Description	Cable Length
53259	PRKT 4-07/2 M	2 m
28336	PRKT 4-07/5 M	5 m
13287	PRKT 4-07/10 M	10 m
53261	PRKT 4-07/15 M	15 m
75520	PRKT 4-07/20 M	20 m
18031	PRKT 4-07/25 M	25 m
86982	PRKT 4-07/35 M	35 m
934637060	PRKT 4-07/40 M	40 m

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