



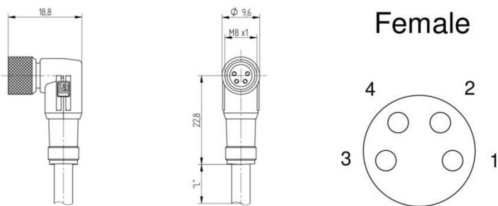
Product: [RKMVV 4-MF225](#) 

M8 Standard Sensor/Actuator Single-Ended Cordset: Female, angled, 4-pin, A-coded, translucent body, 30 V AC/DC, 4 A; PU black cable, 4-wires, 0.34 mm²

Product Description

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Technical Drawing



Technical Specifications

Face View

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

Technical Data

Side 1 Product Sub Family:	M8 Standard
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Female
Connector Design:	Angled
Number of Pins:	4
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Coupling Nut
Voltage Rating:	30 V
Rated Impulse Voltage:	0.8 kV
Operating Voltage:	30 V AC/DC
Current Rating:	4 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm

Mating Cycles:	≤ 100
Protection Degree / IP Rating**:	IP 67
Design Standard:	IEC 61076-2-104
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:	CuZn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Orange
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Translucent
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
O-Ring Material:	FKM, green

Additional Technical Data

Fastening Torque (Attachment):	M 8x1: 30 Ncm, hand-tight
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Cable Data

Cable Number:	MF225
Conductor Size:	0.34 mm²
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	4 x D
Minimal Bending Radius (Flexible Inst):	10 x D
Conductor Material:	Cu
Cable Jacket Material:	PU
Cable Jacket Color:	Black
Cable Diameter D:	ø 4.7 mm
Wire Insulation Material:	PVC
Ambient Temperature (Fixed Installation):	- 30 °C - + 80 °C
Flammability Class (Cable Jacket):	IEC 60332-2-1/ FT2

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

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

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