



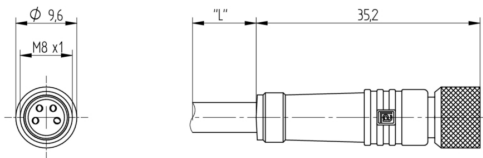
Product: [RKMV 4-295](#)

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

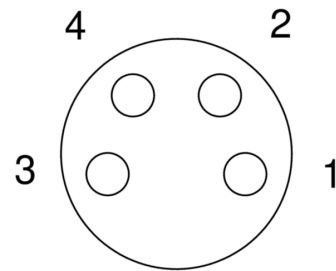
Product Description

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Technical Drawing



Female



Technical Specifications

Face View

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

Technical Data

Product Family:	Sensor / Actuator Connectors
Side 1 Product Sub Family:	M8 Standard
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Female
Connector Design:	Straight
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
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Design Standard:	IEC 61076-2-104
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuSn
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:	295
Conductor Size:	0.34 mm²
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 class 43
Cable Jacket Color:	black
Cable Diameter D:	ø 5.2 ± 0.20 mm
Wire Insulation Material:	SR-PVC
Insulated Wire Diameter:	ø 1.45 mm
Ambient Temperature (Fixed Installation):	- 30 °C - + 80 °C
Ambient Temperature (Flex Installation):	- 10 °C - + 80 °C
Ambient Temperature (Drag Chain Inst):	- 10 °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

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.

Variants

Item #	Item Description	Cable Length
27969	RKMV 4-295/20 M	
4300	RKMV 4-295/1 M	1 m
4286	RKMV 4-295/1,5 M	1.5 m

2916	RKMV 4-295/2 M	2 m
20898	RKMV 4-295/3 M	3 m
635	RKMV 4-295/5 M	5 m
1260	RKMV 4-295/10 M	10 m

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