



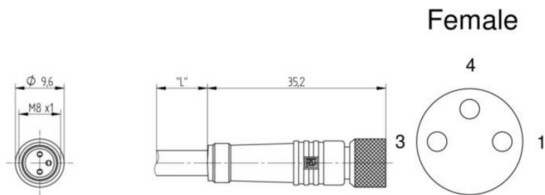
Product: [RKMV 3-MF224](#)

M8 Standard Sensor/Actuator Single-Ended Cordset: Female, straight, 3-pin, A-coded, translucent body, 50 V AC / 60 V DC, 4 A; PU black cable, 3-wires, 0.34 mm²

Product Description

M8 Standard Sensor/Actuator Single-Ended Cordset: Female, straight, 3-pin, A-coded, translucent body, 50 V AC / 60 V DC, 4 A; PU black cable, 3-wires, 0.34 mm²

Technical Drawing



Technical Specifications

Face View

Pin 1	Pin 2	Pin 3
brown	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:	Straight
Number of Pins:	3
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Coupling Nut
Rated Voltage (UL):	60V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC / 60 V DC
Rated Current (UL)*:	4 A
Contact Resistance:	≤ 10 mOhm

Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 30 °C - + 80 °C
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:	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:	MF224
Conductor Size:	0.34 mm ²
Number of Wires:	3
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 4.30mm
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 1.30 mm
Flammability Class (Cable Jacket):	IEC 60332-2-1/ FT2

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
9600103015	RKMV 3-MF224/0150	1.5 m
960010302	RKMV 3-MF224/0200	2 m
960010304	RKMV 3-MF224/0400	4 m
960010305	RKMV 3-MF224/0500	5 m
960010306	RKMV 3-MF224/0600	6 m
960010308	RKMV 3-MF224/0800	8 m

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