




**Product information**  
**RST-RKMV - RST 3-RKMV 3-224/1 M**  
**17081**

<b>Name</b>	
RST-RKMV	
	
Cordset, double ended, for sensors and actuators, M12 male connector with self-locking threaded joint, straight, 3-poles, M8 female connector with self-locking threaded joint, straight, 3-poles, PUR jacket, halogen free, black, 1 meters.	
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Type</b>	RST 3-RKMV 3-224/1 M
<b>Order No.</b>	17081
<b>Description</b>	Cordset, double ended, for sensors and actuators, M12 male connector with self-locking threaded joint, straight, 3-poles, M8 female connector with self-locking threaded joint, straight, 3-poles, PUR jacket, halogen free, black, 1 meters.
<b>Note</b>	The application of these products in harsh environments should always be checked before use.
<b>Number of contacts</b>	3
<b>Color of housing</b>	black translucent
<b>Color of Housing, side 2</b>	black translucent
<b>Product characteristics</b>	Vibration resistance, Drag chains, Oil resistance
<b>Classification</b>	
<b>Belden brand</b>	Lumberg-Automation
<b>Mechanical data</b>	
<b>Type of plug-in contact</b>	Male connector
<b>Type of plug-in contact, side 2</b>	Female connector
<b>Design of housing</b>	straight
<b>Design of housing, side 2</b>	straight
<b>Thread</b>	M12
<b>Thread, side 2</b>	M8
<b>Design of electrical connection</b>	connector M12
<b>Design of electrical connection, side 2</b>	connector M8
<b>Coding of the M12 round plug connector</b>	A
<b>LED display present</b>	✘
<b>Environmental conditions</b>	
<b>Environmental temperature</b>	-25 °C ... 80 °C
<b>Degree of protection (IP), mounted</b>	IP67
<b>Pollution degree</b>	3
<b>Materials</b>	
<b>Housing material / Molded body</b>	TPU
<b>Housing material / Molded body, side 2</b>	TPU
<b>Contact bearer material</b>	TPU
<b>Contact bearer material, side 2</b>	PA/TPU
<b>Contact material</b>	CuZn
<b>Contact material - Surface refinement</b>	pre-nickeled and 0.3 microns gold-plated
<b>Contact material, side 2</b>	CuZn
<b>Contact material - Surface refinement, side 2</b>	pre-nickeled and 0.3 microns gold-plated
<b>Knurled screw / nut material</b>	CuZn, nickel-plated
<b>Sealing material</b>	FKM (Female)
<b>Electrical data</b>	
<b>Rated current In</b>	4 A at 40°C

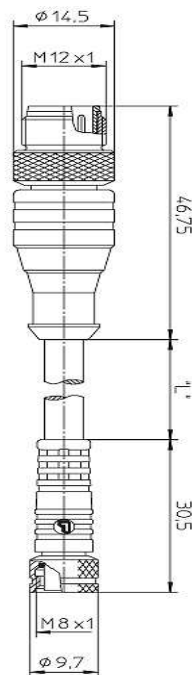
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Nominal voltage	60 V
Rated voltage	63 V
Test voltage	1.5 kV eff./60 s
Insulation resistance	> 1 GΩ
<b>Approvals</b>	
Approvals	UL
RoHS 2002/95/EG compliant	yes
<b>Cable</b>	
Cable length	1 m
Cable number	224
Cable description	Cable for sensors and actuators
Color of jacket	black
Material of outer jacket	PUR
Without halogens as in EN 50267-2-3	✓
shielded	✗
welding spark proof	✗
Outer diameter of the cable	4.3 mm
Number of conductors	3
Cable design	3 x 0.34 mm <sup>2</sup>
Conductor design	43 x 0.10 mm
Flame resistant according to standard	yes

**Picture**

**Drawing**



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