


## Product information

### RKMV - RKMV 3-224/10 M

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M8 Connectors: Overmolded single ended M8 cord sets: female connector: Standard Types, with threaded joint or snap-in joint: RKMV

[https://e-catalog.hirschmann.com:443/link/57078-24228-256281-256292-256303-250524-250526-250528-251194/en/RKMV3\\_224\\_1000/ui/state](https://e-catalog.hirschmann.com:443/link/57078-24228-256281-256292-256303-250524-250526-250528-251194/en/RKMV3_224_1000/ui/state)

<b>Name</b>	RKMV
	
	Cordsets, single-ended, for actuator/sensors and distribution boxes, M8 female connector, straight, with self-locking threaded joint and molded cable, 3 poles, PUR jacket, halogen free, black, 10 meters.
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Type</b>	RKMV 3-224/10 M
<b>Order No.</b>	43566
<b>Description</b>	Cordsets, single-ended, for actuator/sensors and distribution boxes, M8 female connector, straight, with self-locking threaded joint and molded cable, 3 poles, PUR jacket, halogen free, black, 10 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>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>	Female connector
<b>Design of housing</b>	straight
<b>Thread</b>	M8
<b>Design of electrical connection</b>	connector M8
<b>LED display present</b>	✘
<b>Environmental conditions</b>	
<b>Environmental temperature</b>	-40 °C ... 90 °C
<b>Degree of protection (IP), mounted</b>	IP67 / IP69K
<b>Pollution degree</b>	3
<b>Materials</b>	
<b>Housing material / Molded body</b>	TPU
<b>Contact bearer material</b>	PA/TPU
<b>Contact material</b>	CuZn
<b>Contact material - Surface refinement</b>	pre-nickelated and 0.8 microns gold-plated
<b>Knurled screw / nut material</b>	CuZn, nickel-plated
<b>Sealing material</b>	FKM
<b>Electrical data</b>	
<b>Contact resistance</b>	≤ 5 mΩ
<b>Rated current I<sub>n</sub></b>	4 A at 40°C
<b>Nominal voltage</b>	60 V
<b>Rated voltage</b>	63 V
<b>Test voltage</b>	1.5 kV eff./60 s
<b>Insulation resistance</b>	> 1 GΩ
<b>Approvals</b>	
<b>Approvals</b>	UL
<b>Cable</b>	
<b>Cable length</b>	10 m

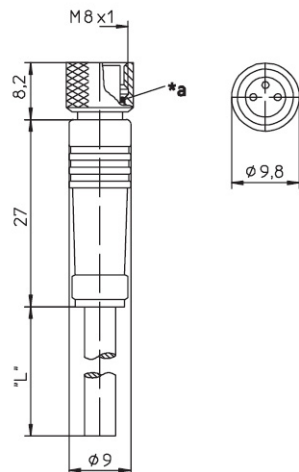
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Cable number	224
Cable description	Cable for sensors and actuators
Color of jacket	black
Material of outer jacket	PUR
Without halogens as in EN 50267-2-3	✓
shielded	✗
welding spark proof	✗
Outer diameter of the cable	4.3 mm
Number of conductors	3
Cable design	3 x 0.34 mm <sup>2</sup>
Conductor design	43 x 0.10 mm
Flame resistant according to standard	yes

**Picture**

**Drawing**



\*a O-Ring  
O-ring

**3-polig**  
**3 poles**



1 = braun / brown  
3 = blau / blue  
4 = schwarz / black

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