

Product information

RKMV - RKMV 4-225/5 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

http://e-catalog.hirschmann.com/link/57078-24228-256281-256292-256303-250524-250526-250528-251194/en/RKMV4_225_0500/ui/state

| | |
|---------------------------------------|--|
| Name | RKMV |
| |  |
| | Cordsets, single-ended, for actuator/sensors and distribution boxes, M8 female connector, straight, with self-locking threaded joint and molded cable, 4 poles, PUR jacket, halogen free, black, 5 meters. |
| Delivery informations | |
| Availability | available |
| Product description | |
| Type | RKMV 4-225/5 M |
| Order No. | 18213 |
| Description | Cordsets, single-ended, for actuator/sensors and distribution boxes, M8 female connector, straight, with self-locking threaded joint and molded cable, 4 poles, PUR jacket, halogen free, black, 5 meters. |
| Note | The application of these products in harsh environments should always be checked before use. |
| Number of contacts | 4 |
| Color of housing | black translucent |
| Product characteristics | Vibration resistance, Drag chains, Oil resistance |
| Classification | |
| Belden brand | Lumberg-Automation |
| Mechanical data | |
| Type of plug-in contact | Female connector |
| Design of housing | straight |
| Thread | M8 |
| Design of electrical connection | connector M8 |
| LED display present | ✘ |
| Environmental conditions | |
| Environmental temperature | -40 °C ... 90 °C |
| Degree of protection (IP), mounted | IP67 / IP69K |
| Pollution degree | 3 |
| Materials | |
| Housing material / Molded body | TPU |
| Contact bearer material | PA/TPU |
| Contact material | CuZn |
| Contact material - Surface refinement | pre-nickelated and 0.8 microns gold-plated |
| Knurled screw / nut material | CuZn, nickel-plated |
| Sealing material | FKM |
| Electrical data | |
| Contact resistance | ≤ 5 mΩ |
| Rated current I _n | 4 A at 40°C |
| Nominal voltage | 30 V |
| Rated voltage | 36 V |
| Test voltage | 0.8 kV eff./60 s |
| Insulation resistance | > 1 GΩ |
| Approvals | |
| Approvals | UL |
| Cable | |
| Cable length | 5 m |

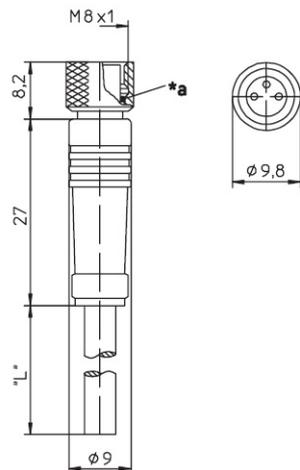
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| | |
|---------------------------------------|---------------------------------|
| Cable number | 225 |
| Cable description | Cable for sensors and actuators |
| Color of jacket | black |
| Material of outer jacket | PUR |
| Without halogens as in EN 50267-2-3 | ✓ |
| shielded | ✗ |
| welding spark proof | ✗ |
| Outer diameter of the cable | 4.7 mm |
| Number of conductors | 4 |
| Cable design | 4 x 0.34 mm ² |
| Conductor design | 43 x 0.10 mm |
| Flame resistant according to standard | yes |

Picture

Drawing



*a O-Ring
O-ring

**4-polig
4 poles**



- 1 = braun / brown
- 2 = weiß / white
- 3 = blau / blue
- 4 = schwarz / black

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