

## Product information

### RKMV - RKMV 4-07/5 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://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250524-250526-250528-251194/en/RKMV4\\_007\\_0500/ui:state](http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250524-250526-250528-251194/en/RKMV4_007_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, PVC jacket, orange, 5 meters. |
| <b>Delivery informations</b>          |                                                                                                                                                                                               |
| Availability                          | available                                                                                                                                                                                     |
| <b>Product description</b>            |                                                                                                                                                                                               |
| Type                                  | RKMV 4-07/5 M                                                                                                                                                                                 |
| Order No.                             | 11301                                                                                                                                                                                         |
| Description                           | Cordsets, single-ended, for actuator/sensors and distribution boxes, M8 female connector, straight, with self-locking threaded joint and molded cable, 4 poles, PVC jacket, orange, 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                                                                                                                                                                          |
| <b>Classification</b>                 |                                                                                                                                                                                               |
| Belden brand                          | Lumberg-Automation                                                                                                                                                                            |
| <b>Mechanical data</b>                |                                                                                                                                                                                               |
| Type of plug-in contact               | Female connector                                                                                                                                                                              |
| Design of housing                     | straight                                                                                                                                                                                      |
| Thread                                | M8                                                                                                                                                                                            |
| Design of electrical connection       | connector M8                                                                                                                                                                                  |
| LED display present                   | ✗                                                                                                                                                                                             |
| <b>Environmental conditions</b>       |                                                                                                                                                                                               |
| Environmental temperature             | -40 °C ... 90 °C                                                                                                                                                                              |
| Degree of protection (IP), mounted    | IP67 / IP69K                                                                                                                                                                                  |
| Pollution degree                      | 3                                                                                                                                                                                             |
| <b>Materials</b>                      |                                                                                                                                                                                               |
| Housing material / Molded body        | TPU                                                                                                                                                                                           |
| Contact bearer material               | PA/TPU                                                                                                                                                                                        |
| Contact material                      | CuZn                                                                                                                                                                                          |
| Contact material - Surface refinement | pre-nickeled and 0.8 microns gold-plated                                                                                                                                                      |
| Knurled screw / nut material          | CuZn, nickel-plated                                                                                                                                                                           |
| Sealing material                      | FKM                                                                                                                                                                                           |
| <b>Electrical data</b>                |                                                                                                                                                                                               |
| Contact resistance                    | ≤ 5 mΩ                                                                                                                                                                                        |
| Rated current I <sub>n</sub>          | 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                                                                                                                                                                                        |
| <b>Approvals</b>                      |                                                                                                                                                                                               |
| Approvals                             | UL                                                                                                                                                                                            |
| <b>Cable</b>                          |                                                                                                                                                                                               |
| Cable length                          | 5 m                                                                                                                                                                                           |



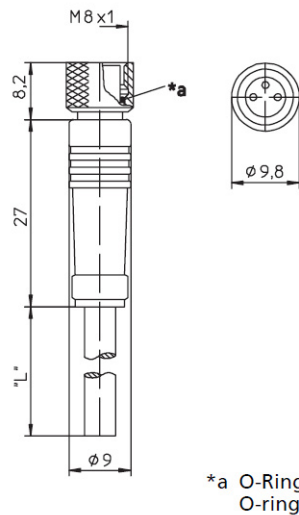
Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M8 Connectors: Overmolded single ended M8 cord sets: female connector: Standard Types, with threaded joint or snap-in joint: RKMV

[http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250524-250526-250528-251194/en/RKMV4\\_007\\_0500/ui.state](http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250524-250526-250528-251194/en/RKMV4_007_0500/ui.state)

|                                       |                          |
|---------------------------------------|--------------------------|
| Cable number                          | 07                       |
| Cable description                     | Sensor connecting cable  |
| Color of jacket                       | orange                   |
| Material of outer jacket              | PVC                      |
| Without halogens as in EN 50267-2-3   | ✗                        |
| shielded                              | ✗                        |
| welding spark proof                   | ✗                        |
| Outer diameter of the cable           | 5.0 mm                   |
| Number of conductors                  | 4                        |
| Cable design                          | 4 x 0.25 mm <sup>2</sup> |
| Conductor design                      | 32 x 0.10 mm             |
| Flame resistant according to standard | none                     |

#### Picture

#### Drawing



#### 4-polig 4 poles



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

Belden Deutschland GmbH

Im Gewerbepark 2

58579 Schalksmühle

Germany

Phone: +49 7127/14-1806

E-Mail: [icos-sales@belden.com](mailto:icos-sales@belden.com)

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect.  
The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.