


## Product information

### RKMWV/LED - RKMWV/LED A 3-224/5 M

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M8 Connectors: Overmolded single ended M8 cord sets: female connector: with LED, with threaded joint or snap-in joint: RKMWV/LED

[http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250524-250526-250529-251294/en/RKMWVLA3\\_224\\_0500/uistate](http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250524-250526-250529-251294/en/RKMWVLA3_224_0500/uistate)

|                                       |  |
|---------------------------------------|--|
| Name                                  | RKMWV/LED  |
|                                       |   |
|                                       | Cordsets, single-ended, for actuator/sensors and distribution boxes, M8 female connector, angled, with self-locking threaded joint and molded cable, LED operation and function indicator (pnp), 3 poles, PUR jacket, halogen free, black, 5 meters. |
| <b>Delivery informations</b>          |  |
| Availability                          | available  |
| <b>Product description</b>            |  |
| Type                                  | RKMWV/LED A 3-224/5 M  |
| Order No.                             | 14005  |
| Description                           | Cordsets, single-ended, for actuator/sensors and distribution boxes, M8 female connector, angled, with self-locking threaded joint and molded cable, LED operation and function indicator (pnp), 3 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                    | 3  |
| Color of housing                      | black translucent  |
| Product characteristics               | Vibration resistance, Drag chains, Oil resistance  |
| <b>Classification</b>                 |  |
| Belden brand                          | Lumberg-Automation   |
| <b>Mechanical data</b>                |  |
| Type of plug-in contact               | Female connector   |
| Design of housing                     | angled   |
| 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-nickel 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                       | 10 - 30 V DC   |
| Rated voltage                         | 32 V   |
| Insulation resistance                 | > 1 GΩ   |
| <b>Approvals</b>                      |  |
| Approvals                             | UL   |
| <b>Cable</b>                          |  |
| Cable length                          | 5 m  |
| Cable number                          | 224  |

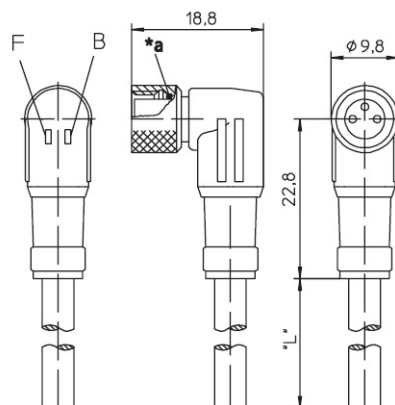
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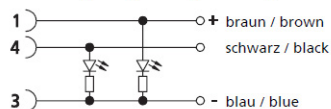
|                                       |                                 |
|---------------------------------------|---------------------------------|
| Cable description                     | Cable for sensors and actuators |
| Color of jacket                       | black                           |
| 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** pnp-Schließer /  
pnp Normally open =  
gelb-grün / yellow-green



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



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

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