




**Product information**  
**RST-RKM - RST 3-RKM 3-224/5 M**  
**44605**

|   |   |   |
|---|---|---|
| Name  |   | RST-RKM   |
|   |   |    |
|   |   | Cordset, double ended, for sensors and actuators, M12 male connector with self-locking threaded joint, straight, 3-poles, M8 female connector with snap-in joint, straight, 3-poles, PUR jacket, halogen free, black, 5 meters. |
| <b>Delivery informations</b>                  |   |   |
| Availability                                  | available   |   |
| <b>Product description</b>                    |   |   |
| Type  | RST 3-RKM 3-224/5 M   |   |
| Order No.                                     | 44605   |   |
| Description                                   | Cordset, double ended, for sensors and actuators, M12 male connector with self-locking threaded joint, straight, 3-poles, M8 female connector with snap-in joint, straight, 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   |   |
| Color of Housing, side 2                      | 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                       | Male connector  |   |
| Type of plug-in contact, side 2               | Female connector  |   |
| Design of housing                             | straight  |   |
| Design of housing, side 2                     | straight  |   |
| Thread  | M12   |   |
| Thread, side 2                                | M8  |   |
| Design of electrical connection               | connector M12   |   |
| Design of electrical connection, side 2       | connector M8  |   |
| Coding of the M12 round plug connector        | A   |   |
| LED display present                           | ✘   |   |
| <b>Environmental conditions</b>               |   |   |
| Environmental temperature                     | -25 °C ... 80 °C  |   |
| Degree of protection (IP), mounted            | IP65  |   |
| Pollution degree                              | 3   |   |
| <b>Materials</b>                              |   |   |
| Housing material / Molded body                | TPU   |   |
| Housing material / Molded body, side 2        | TPU   |   |
| Contact bearer material                       | TPU   |   |
| Contact bearer material, side 2               | PA/TPU  |   |
| Contact material                              | CuZn  |   |
| Contact material - Surface refinement         | pre-nickeled and 0.3 microns gold-plated  |   |
| Contact material, side 2                      | CuZn  |   |
| Contact material - Surface refinement, side 2 | pre-nickeled and 0.3 microns gold-plated  |   |
| <b>Electrical data</b>                        |   |   |
| Rated current In                              | 4 A at 40°C   |   |
| Nominal voltage                               | 60 V  |   |
| Rated voltage                                 | 63 V  |   |

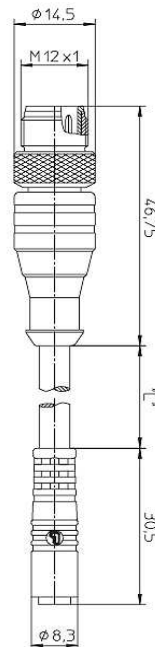
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|                                       |                                 |
|---------------------------------------|---------------------------------|
| Test voltage                          | 1.5 kV eff./60 s                |
| Insulation resistance                 | > 1 GΩ                          |
| <b>Approvals</b>                      |                                 |
| Approvals                             | UL                              |
| RoHS 2002/95/EG compliant             | yes                             |
| <b>Cable</b>                          |                                 |
| Cable length                          | 5 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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