



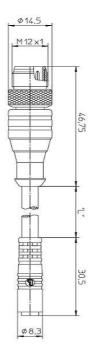
## Product information RST-RKM - RST 3-RKM 3-224/2 M 43711

| 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, 2 meters. |
| Delivery informations                         |                                                                                                                                                                                                                                 |
| Availability                                  | available                                                                                                                                                                                                                       |
| Product description                           | ·                                                                                                                                                                                                                               |
| Туре                                          | RST 3-RKM 3-224/2 M                                                                                                                                                                                                             |
| Order No.                                     | 43711                                                                                                                                                                                                                           |
| 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, 2 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                                                                                                                                                                               |
| Classification                                | Tibration foliotation, Drag or action of the constants                                                                                                                                                                          |
| Belden brand                                  | Lumberg-Automation                                                                                                                                                                                                              |
| Mechanical data                               |                                                                                                                                                                                                                                 |
| 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                           | ×                                                                                                                                                                                                                               |
| Environmental conditions                      |                                                                                                                                                                                                                                 |
| Environmental temperature                     | -25 °C 80 °C                                                                                                                                                                                                                    |
| Degree of protection (IP), mounted            | IP65                                                                                                                                                                                                                            |
| Pollution degree                              | 3                                                                                                                                                                                                                               |
| Materials                                     |                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                        |
| Electrical data                               |                                                                                                                                                                                                                                 |
| Rated current In                              | 4 A at 40°C                                                                                                                                                                                                                     |
| Nominal voltage                               | 60 V                                                                                                                                                                                                                            |
| Rated voltage                                 | 63 V                                                                                                                                                                                                                            |



| Test voltage                          | 1.5 kV eff./60 s                |
|---------------------------------------|---------------------------------|
| Insulation resistance                 | >1 GΩ                           |
| Approvals                             |                                 |
| Approvals                             | UL                              |
| RoHS 2002/95/EG compliant             | yes                             |
| Cable                                 |                                 |
| Cable length                          | 2 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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