


## Product information

### M12 Single Ended Cordsets - Shieldable Types - RKTS 8-184/2 M

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M12 Connectors: M12 Circular connector acc. to IEC 61076-2-101: Overmolded Single Ended M12 Cordsets: M12 Single Ended

Cordsets - Shieldable Types

[http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256304-58429-58479-74828/en/RKGS\\_08-184-02/ulstate](http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256304-58429-58479-74828/en/RKGS_08-184-02/ulstate)

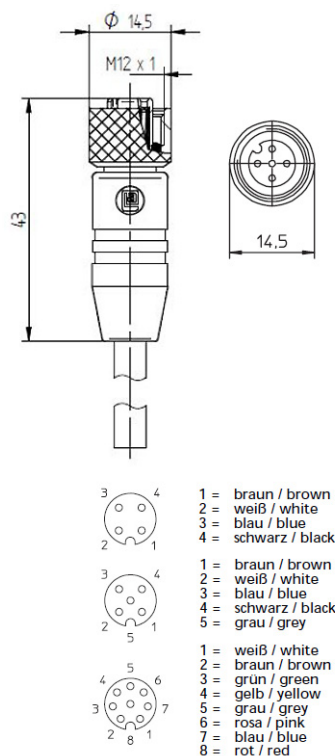
| Name   |   |
|--|---|
| M12 Single Ended Cordsets - Shieldable Types |   |
|  |    |
|  | Actuator/sensor cordset, single-ended, M12 female connector, 360° shielding connected to knurled nut, straight version, with threaded joint and molded cable, 8 poles, PVC jacket, screened, orange, 2 meters |
| <b>Delivery informations</b>                 |   |
| Availability                                 | available   |
| <b>Product description</b>                   |   |
| Type   | RKTS 8-184/2 M  |
| Order No.                                    | 11423   |
| Description                                  | Actuator/sensor cordset, single-ended, M12 female connector, 360° shielding connected to knurled nut, straight version, with threaded joint and molded cable, 8 poles, PVC jacket, screened, orange, 2 meters |
| Number of contacts                           | 8   |
| Color of housing                             | orange  |
| Product characteristics                      | Vibration resistance, Oil resistance, Drag chains suitable  |
| <b>Classification</b>                        |   |
| Belden brand                                 | Lumberg-Automation  |
| Eclass-ID                                    | 27260702  |
| <b>Mechanical data</b>                       |   |
| Type of plug-in contact                      | Female connector  |
| Design of housing                            | straight  |
| Thread                                       | M12   |
| Design of electrical connection              | connector M12   |
| 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           | IP67  |
| Pollution degree                             | 3   |
| <b>Materials</b>                             |   |
| Housing material / Molded body               | TPU   |
| Contact bearer material                      | TPU   |
| Contact material                             | CuZn  |
| Contact material - Surface refinement        | pre-nickel and 0.8 microns gold-plated  |
| Knurled screw / nut material                 | CuZn, tined   |
| Sealing material                             | FKM   |
| <b>Electrical data</b>                       |   |
| Contact resistance                           | ≤ 5 mΩ  |
| Rated current I <sub>n</sub>                 | 2 A at 40°C, UL and notice derating   |
| Nominal voltage                              | 30 V AC/DC  |
| Rated voltage                                | 36 V  |
| Test voltage                                 | 1.5 kV eff./60 s  |
| Insulation resistance                        | > 1 GΩ  |
| <b>Approvals</b>                             |   |
| Approvals                                    | UL  |

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M12 Connectors: M12 Circular connector acc. to IEC 61076-2-101: Overmolded Single Ended M12 Cordsets: M12 Single Ended Cordsets - Shieldable Types

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#### Picture

#### Drawing



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