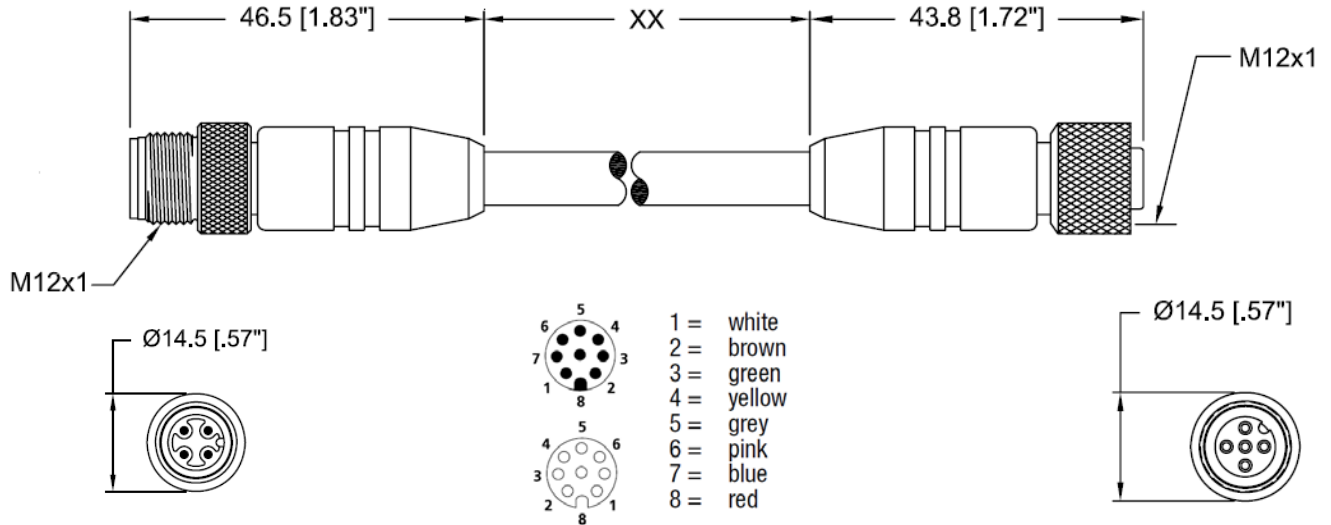


**Drawings**



**Technical Data**

| Cordage Construction            |   | Diameters (In)                        |
|---------------------------------|---|---------------------------------------|
| Cordage Part Number             | 112   |                                       |
| Component 1                     | 8 COND  |                                       |
| a) Conductor                    | 22 (26/36) AWG Bare Copper                          | 0.027                                 |
| b) Insulation                   | 0.010" Wall, Nom. SR-PVC                            | 0.047                                 |
| Insulation Colors               | White, Brown, Green, Yellow, Grey, Pink, Blue & Red |                                       |
| Jacket                          | 0.032" Wall, Nom. TPE                               | 0.255                                 |
| a) Color(s)                     | SLATE   |                                       |
| Cord Configuration              |   |                                       |
| End 1                           | M12-A Male  |                                       |
| End 2                           | M12-A Female  |                                       |
| Insert                          | Black TPU   |                                       |
| Mold Color                      | Black TPU   |                                       |
| Contact                         | Copper Alloy, Gold plated                           |                                       |
| Coupling Nut                    | Copper Alloy, Nickel plated                         |                                       |
| O-Ring                          | FKM   |                                       |
| Available Lengths               | 0.6, 1, 3, 5, 10, 15, 20 Meters                     |                                       |
| Applicable Specifications-Cable |   |                                       |
| UL                              | AWM/STYLE 20327<br>PLTC                             | 105°C / 300 V <sub>RMS</sub><br>105°C |
| CSA International               | C(RU) AWM I/II A/B FT4                              | 105°C / 300 V <sub>RMS</sub>          |

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|   |  |  |
|---|--|--|
| <b>Applicable Specifications-Cord Set</b>   |  |  |
| UL  | ANSI/UL 2238, Cable Assembly Extension RU, UL File Number E485156  |  |
| CSA   | CSA-C22.2 No. 182.3, Special Use Attachment Plugs, Receptacles and Connectors<br>cRU, UL File Number E485156   |  |
| <b>Nominal Voltage</b>                      | 30 V   |  |
| <b>Rated Voltage</b>                        | 36 V   |  |
| Ingress Protection                          | IP67/NEMA 6P   |  |
| <b>Environmental Compliance</b>             |  |  |
| CE  | All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. |  |
| REACH Regulation (EC 1907/2006)             | This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.   |  |
| <b>Physical &amp; Mechanical Properties</b> |  |  |
| Temperature Range, Cord                     | -35 to 105°C(static), -15 to 90°C (dynamic)  |  |
| Temperature Range, Connector                | -25°C to +80°C   |  |
| Bend Radius                                 | 7X Cable Diameter (static), 10X Cable Diameter (dynamic)   |  |
| Pull Tension                                | 41 Lbs, Maximum  |  |
| Current Rating                              | 2.2 Amps @ 50°C  |  |
| <b>Ordering Information</b>                 |  |  |
| DR08AR112 SL355                             | 0.6 Meters   |  |
| DR08AR112 SL356                             | 1.0 Meters   |  |
| DR08AR112 SL357                             | 3.0 Meters   |  |
| DR08AR112 SL358                             | 5.0 Meters   |  |
| DR08AR112 SL359                             | 10.0 Meters  |  |
| DR08AR112 SL400                             | 15.0 Meters  |  |
| DR08AR112 SL401                             | 20.0 Meters  |  |
| Standard Package                            | Each   |  |

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