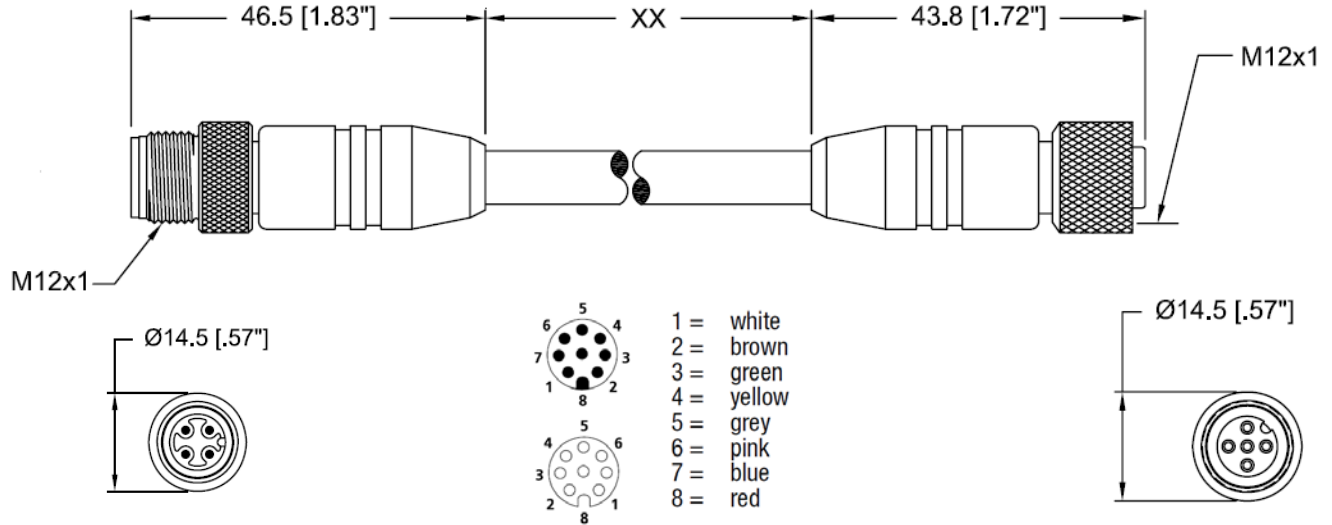


## Drawings



## Technical Data

| Cordage Construction                      |                                                     | Diameters (In)               |
|-------------------------------------------|-----------------------------------------------------|------------------------------|
| Cordage Part Number                       | 103                                                 |                              |
| Component 1                               | 8 COND                                              |                              |
| a) Conductor                              | 24 (19/36) AWG Bare Copper                          | 0.025                        |
| b) Insulation                             | 0.011" Wall, Nom. SR-PVC                            | 0.047                        |
| Insulation Colors                         | White, Brown, Green, Yellow, Grey, Pink, Blue & Red |                              |
| Jacket                                    | 0.032" Wall, Nom. PVC                               | 0.244                        |
| a) Color(s)                               | SLATE                                               |                              |
| <b>Cord Configuration</b>                 |                                                     |                              |
| End 1                                     | M12-A Male                                          |                              |
| End 2                                     | M12-A Female                                        |                              |
| Insert                                    | Black TPU                                           |                              |
| Mold Color                                | Black TPU                                           |                              |
| Contact                                   | Copper Alloy, Gold plated                           |                              |
| O-Ring                                    | FKM                                                 |                              |
| Coupling Nut                              | Copper Alloy, Nickel plated                         |                              |
| Available Lengths                         | 0.6, 1, 3, 5, 10, 15, 20 Meters                     |                              |
| <b>Applicable Specifications-Cable</b>    |                                                     |                              |
| UL                                        | AWM/STYLE 2661                                      | 105°C / 300 V <sub>RMS</sub> |
| CSA International                         | C(RU) AWM I/II A/B FT1                              | 105°C / 300 V <sub>RMS</sub> |
| <b>Applicable Specifications-Cord Set</b> |                                                     |                              |

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|                                             |                                                                                                                                                                                                                                        |  |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 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                     | -40 to 105°C(static), -15 to 105°C (dynamic)                                                                                                                                                                                           |  |
| Temperature Range, Connector                | -25°C to +80°C                                                                                                                                                                                                                         |  |
| Bend Radius                                 | 7X Cable Diameter (static), 10X Cable Diameter (dynamic)                                                                                                                                                                               |  |
| Pull Tension                                | 30 Lbs, Maximum                                                                                                                                                                                                                        |  |
| Current Rating                              | 1.4 Amps @ 50°C                                                                                                                                                                                                                        |  |
| <b>Ordering Information</b>                 |                                                                                                                                                                                                                                        |  |
| DR08AR103 SL355                             | 0.6 Meters                                                                                                                                                                                                                             |  |
| DR08AR103 SL356                             | 1.0 Meters                                                                                                                                                                                                                             |  |
| DR08AR103 SL357                             | 3.0 Meters                                                                                                                                                                                                                             |  |
| DR08AR103 SL358                             | 5.0 Meters                                                                                                                                                                                                                             |  |
| DR08AR103 SL359                             | 10.0 Meters                                                                                                                                                                                                                            |  |
| DR08AR103 SL400                             | 15.0 Meters                                                                                                                                                                                                                            |  |
| DR08AR103 SL401                             | 20.0 Meters                                                                                                                                                                                                                            |  |
| Standard Package                            | Each                                                                                                                                                                                                                                   |  |

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