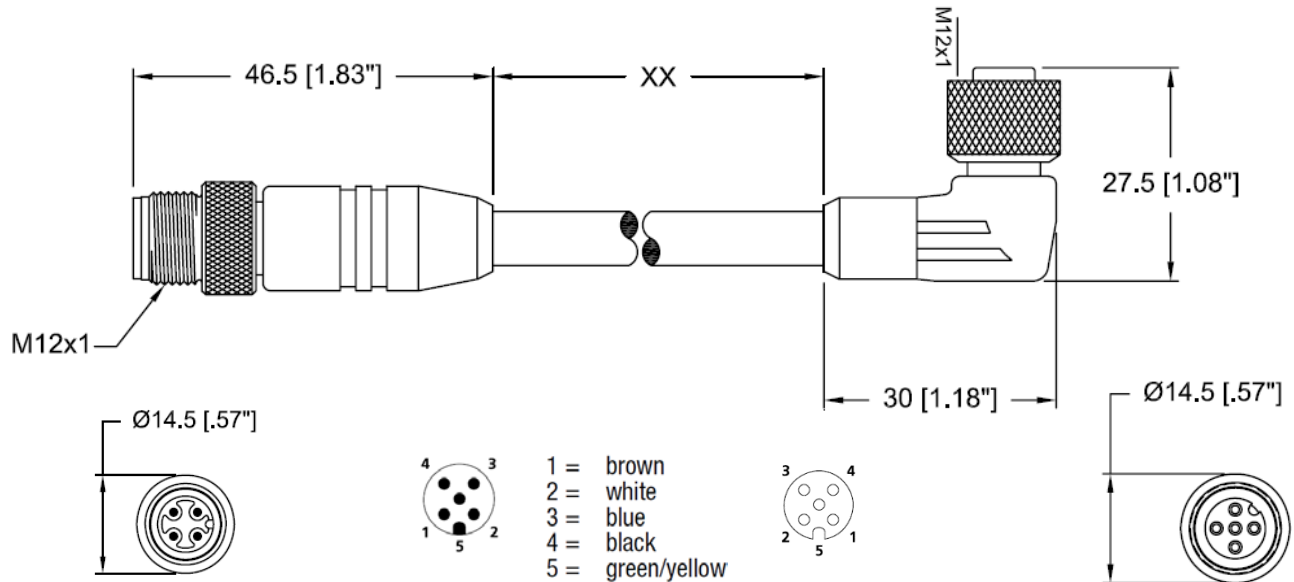


## Drawings



## Technical Data

| Cordage Construction                   |                                          | Diameters (In)                                             |
|----------------------------------------|------------------------------------------|------------------------------------------------------------|
| Cordage Part Number                    | 102                                      |                                                            |
| Component 1                            | 5 COND                                   |                                                            |
| a) Conductor                           | 22 (26/36) AWG Bare Copper               | 0.027                                                      |
| b) Insulation                          | 0.010" Wall, Nom. mPPE                   | 0.047                                                      |
| Insulation Colors                      | Black, White, Brown, Blue & Green/Yellow |                                                            |
| Jacket                                 | 0.040" Wall, Nom. PUR, Zero Halogen      | 0.213                                                      |
| 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                |                                                            |
| Coupling Nut                           | Copper Alloy, Nickel plated              |                                                            |
| O-Ring                                 | FKM                                      |                                                            |
| Available Lengths                      | 0.6, 1, 3, 5, 10, 15, 20 Meters          |                                                            |
| <b>Applicable Specifications-Cable</b> |                                          |                                                            |
| UL                                     | AWM/STYLE 20549<br>AWM/STYLE 21959       | 80°C / 300 V <sub>RMS</sub><br>90°C / 600 V <sub>RMS</sub> |
| CSA International                      | C(RU) AWM I/II A/B FT1                   | 90°C / 600 V <sub>RMS</sub>                                |

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|                                                |                                                                                                                                                                                                                                        |  |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Applicable Specifications-<br/>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>                         | 60 V                                                                                                                                                                                                                                   |  |
| <b>Rated Voltage</b>                           | 63 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                        | -50 to 90°C(static), -40 to 80°C (dynamic)                                                                                                                                                                                             |  |
| Temperature Range, Connector                   | -25°C to +80°C                                                                                                                                                                                                                         |  |
| Bend Radius                                    | 4X Cable Diameter (static), 6X Cable Diameter (dynamic)                                                                                                                                                                                |  |
| Pull Tension                                   | 20.4 Lbs, Maximum                                                                                                                                                                                                                      |  |
| Current Rating                                 | 2.2 Amps @ 50°C                                                                                                                                                                                                                        |  |
| <b>Ordering Information</b>                    |                                                                                                                                                                                                                                        |  |
| DR05AW102 SL355                                | 0.6 Meters                                                                                                                                                                                                                             |  |
| DR05AW102 SL356                                | 1.0 Meters                                                                                                                                                                                                                             |  |
| DR05AW102 SL357                                | 3.0 Meters                                                                                                                                                                                                                             |  |
| DR05AW102 SL358                                | 5.0 Meters                                                                                                                                                                                                                             |  |
| DR05AW102 SL359                                | 10.0 Meters                                                                                                                                                                                                                            |  |
| DR05AW102 SL400                                | 15.0 Meters                                                                                                                                                                                                                            |  |
| DR05AW102 SL401                                | 20.0 Meters                                                                                                                                                                                                                            |  |
| Standard Package                               | Each                                                                                                                                                                                                                                   |  |

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