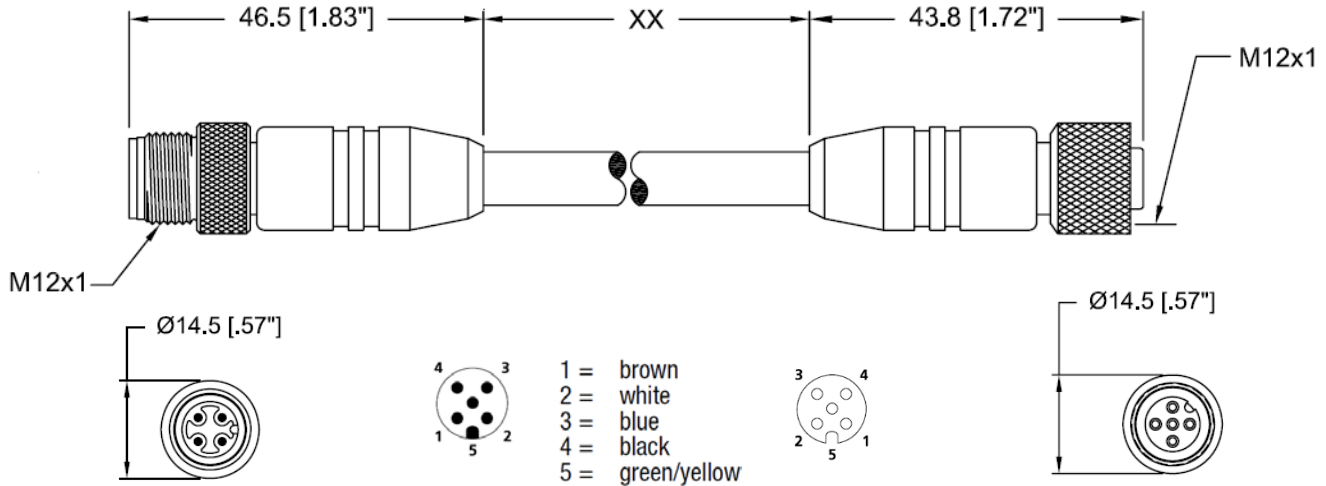


Drawings



Technical Data

Issue: 1 Issue Date: 7/29/2016 Effective Date: 7/29/2016

| 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 | |
| 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 20549 AWM/STYLE 21959 | 80°C / 300 V _{RMS} 90°C / 600 V _{RMS} |
| CSA International | C(RU) AWM I/II A/B FT1 | 90°C / 600 V _{RMS} |

| | | |
|---|--|--|
| Applicable Specifications-Cord Set | | |
| 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 cRU, UL File Number E485156 | |
| Nominal Voltage | 60 V | |
| Rated Voltage | 63 V | |
| Ingress Protection | IP67/NEMA 6P | |
| Environmental Compliance | | |
| 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. | |
| Physical & Mechanical Properties | | |
| 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 | |
| Ordering Information | | |
| DR05AR102 SL355 | 0.6 Meters | |
| DR05AR102 SL356 | 1.0 Meters | |
| DR05AR102 SL357 | 3.0 Meters | |
| DR05AR102 SL358 | 5.0 Meters | |
| DR05AR102 SL359 | 10.0 Meters | |
| DR05AR102 SL400 | 15.0 Meters | |
| DR05AR102 SL401 | 20.0 Meters | |
| Standard Package | Each | |

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