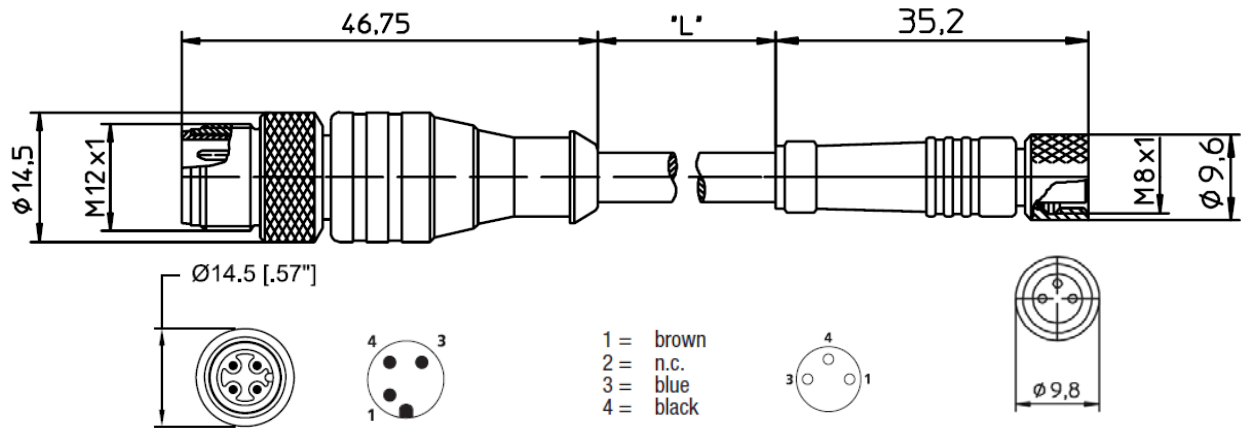


**Drawings**



**Technical Data**

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

| Cordage Construction                      |   | Diameters (In)   |
|---|---|--|
| Cordage Part Number                       | 100   |  |
| Component 1                               | 3 COND  |  |
| a) Conductor                              | 22 (26/36) AWG Bare Copper  | 0.027  |
| b) Insulation                             | 0.010" Wall, Nom. mPPE  | 0.047  |
| Insulation Colors                         | Black, Brown & Blue   |  |
| Jacket                                    | 0.046" Wall, Nom. PUR, Zero Halogen                               | 0.200  |
| a) Color(s)                               | SLATE   |  |
| <b>Cord Configuration</b>                 |   |  |
| End 1                                     | M12-A Male  |  |
| End 2                                     | M8 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>                                |
| <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>                      | 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                                | 15.3 Lbs, Maximum  |  |
| Current Rating                              | 2.7 Amps @ 50°C  |  |
| <b>Ordering Information</b>                 |  |  |
| DR03GR100 SL355                             | 0.6 Meters   |  |
| DR03GR100 SL356                             | 1.0 Meters   |  |
| DR03GR100 SL357                             | 3.0 Meters   |  |
| DR03GR100 SL358                             | 5.0 Meters   |  |
| DR03GR100 SL359                             | 10.0 Meters  |  |
| DR03GR100 SL400                             | 15.0 Meters  |  |
| DR03GR100 SL401                             | 20.0 Meters  |  |
| Standard Package                            | Each   |  |

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