



## **Technical Data**

| 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                                                             |                             |
| Cord Configuration                     |                                                                   |                             |
| 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                                   |                             |
| Applicable Specifications-<br>Cable    |                                                                   |                             |
| UL                                     | AWM/STYLE 20549                                                   | 80°C / 300 V <sub>RMS</sub> |
|                                        | AWM/STYLE 21959                                                   | 90°C / 600 V <sub>RMS</sub> |
| CSA International                      | C(RU) AWM I/II A/B FT1                                            | 90°C / 600 V <sub>RMS</sub> |
| Applicable Specifications-<br>Cord Set |                                                                   |                             |
| UL                                     | ANSI/UL 2238, Cable Assembly Extension RU, UL File Number E485156 |                             |





## PART NO: DR03GR100 M12-A Male to M8 Female

| 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                                                                                                                                                                                                                           |  |
| <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.                                                                           |  |
| Physical & Mechanical<br>Properties |                                                                                                                                                                                                                                        |  |
| Temperature Range, Cord             | -50 to 90°C(static), -40 to 80°C (dynamic)                                                                                                                                                                                             |  |
| Temperature Range,<br>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                                                                                                                                                                                                                        |  |
| Ordering Information                |                                                                                                                                                                                                                                        |  |
| 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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