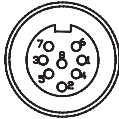



## CC-059-xxx-FM

### AISG Control Cable

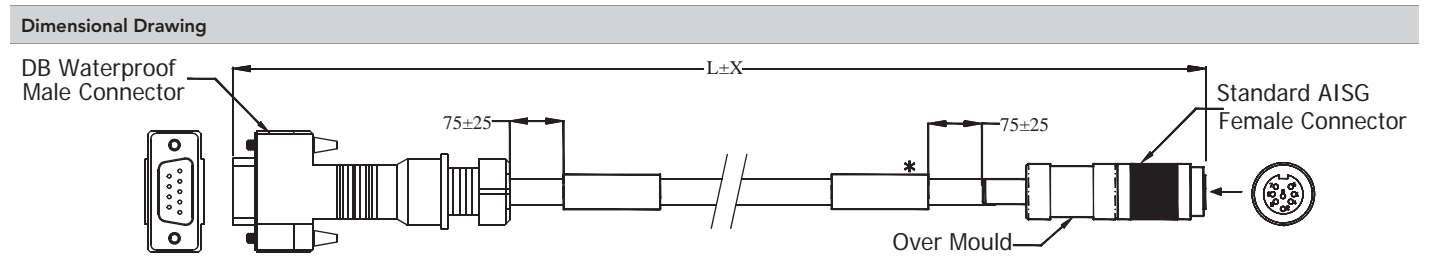
| Ordering Options  |   |                  |   |
|---|---|------------------|---|
| This AISG Control Cable is available in lengths between 50 cm -100 m. When ordering, replace "xxx" in model number with desired length. See examples below. |   |                  |   |
| Length  | Model Number  |                  |   |
| 50 centimeter cable length  | CC-059-C50-FM   |                  |   |
| 5 meter cable length  | CC-059-005-FM   |                  |   |
| 35 meter cable length   | CC-059-035-FM   |                  |   |
| 100 meter cable length  | CC-059-100-FM   |                  |   |
| Connector Characteristics   |   |                  |   |
| Connectors  | Connector A: 1 x 8 pin Female Connector; Straight                                 |                  | Connector B: 9 Pos D-Sub Solder Male  |
|   |  |                  |  |
| Pin Assignment  | Connector A   | Cable Connection | Connector B   |
|   | Pin 1   | +12-24 V DC      | Pin 1 +12-24 V DC   |
|   | Pin 2   | NC               | Pin 2 NC  |
|   | Pin 3   | RS485 B          | Pin 3 RS485 B   |
|   | Pin 4   | DC Return        | Pin 4 DC Return   |
|   | Pin 5   | RS485 A          | Pin 5 RS485 A   |
|   | Pin 6   | +12-24 V DC      | Pin 6 NC  |
|   | Pin 7   | DC Return        | Pin 7 NC  |
|   | Pin 8   | NC               | Pin 8 NC  |
| ---   | ---   | Pin 9 DC Return  |   |
| Electrical Characteristics  |   |                  |   |
| Rated Voltage   | 300 V DC  |                  |   |
| Current Rating  | 5A /+40°C/+104°C  |                  |   |
| Insulation Resistance   | > 100MΩ   |                  |   |
| Contact Resistance  | 0.25mm <sup>2</sup> 0.0000876 mΩ & 0.75mm 0.000028mΩ                              |                  |   |
| Mechanical Characteristics  |   |                  |   |
| Insertion and Withdrawal Forces   | 60N   |                  |   |
| Coupling Style  | Metal Screw Coupling  |                  |   |
| Mechanical Operation  | 500 Mating Cycles   |                  |   |
| Termination Technique   | Crimp   |                  |   |
| Materials Characteristics   |   |                  |   |
| Hood  | Water-Resistant Hood 9-way  |                  |   |
| Wire Gauge (OD)   | 6-8 mm AISG Cable   |                  |   |
| Housing Material  | Die Cast, Nickel Plated   |                  |   |
| Dielectric Material   | Thermoplastic Material  |                  |   |
| Contact Plating   | Silver Plated / Gold Plated   |                  |   |
| Environmental Characteristics   |   |                  |   |
| Temperature Range   | -40 to +85° C   |                  | -40 to 185° F   |
| IP Rating   | IP67  |                  |   |



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

## CC-059-xxx-FM

### AISG Control Cable



$L$  = Length; when  $L > 3000$ ,  $X = 100$ ; when  $L \leq 3000$ ,  $X = 50$