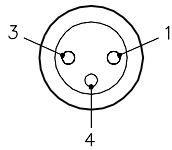


## MALE END VIEW

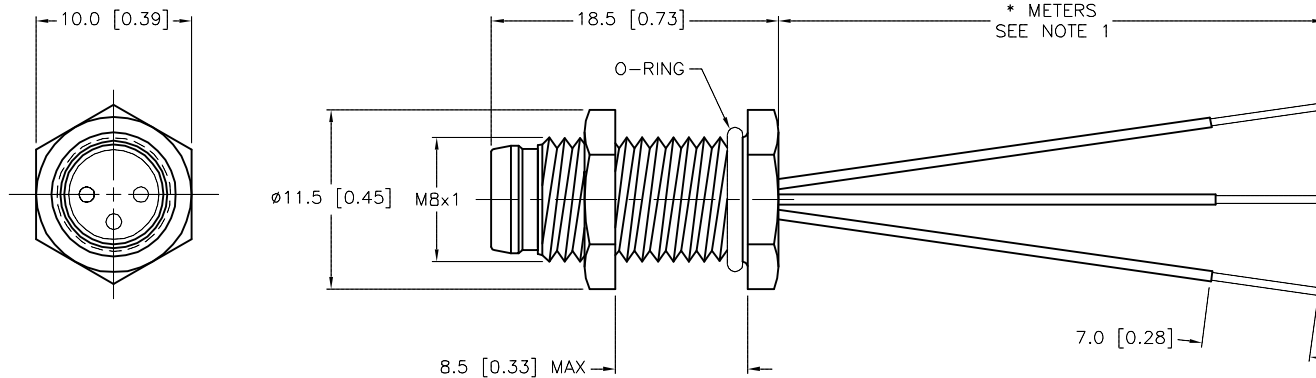


1 = BROWN  
3 = BLUE  
4 = BLACK



## SPECIFICATIONS

|                                |                                  |
|--------------------------------|----------------------------------|
| CONTACT CARRIER MATERIAL/COLOR | NYLON OR TPU/CLEAR               |
| CONTACT MATERIAL/PLATING       | BRASS/GOLD                       |
| HOUSING MATERIAL/PLATING       | BRASS/NICKEL                     |
| O-RING MATERIAL                | NBR                              |
| RATED CURRENT [A]              | 4.0 A                            |
| RATED VOLTAGE [V]              | 60 VAC/75 VDC                    |
| CONDUCTOR INSULATION MATERIAL  | PVC                              |
| NUMBER OF CONDUCTORS [AWG]     | 3x28 AWG                         |
| TEMPERATURE RANGE              | -40°C to +80°C (-40°F to +176°F) |
| PROTECTION CLASS               | MEETS NEMA 1,3,4,6P AND IEC IP67 |



| CABLE LENGTH                 | TOLERANCE *                                                                 |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH                 | TOLERANCE *                                                                 |
| 0-7mm                        | ±0.5mm                                                                      |
| 8-29mm                       | ±1.0mm                                                                      |
| 30-49mm                      | ±2.0mm                                                                      |
| 50-69mm                      | ±3.0mm                                                                      |
| 70-100mm                     | ±4.0mm                                                                      |
| OVER 100mm                   | ±5.0mm                                                                      |
| * UNLESS OTHERWISE SPECIFIED |                                                                             |

## NOTES:

- "\*" INDICATES LEAD LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
- "/S1648" DESIGNATES 28 AWG CONDUCTORS.

## SOURCE DRAWING - FOR REFERENCE ONLY

|                      |  |                           |     |                                                                                                                                                                                                                                                                                                                     |          |                                   |  |              |
|----------------------|--|---------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------|--|--------------|
| RELATED DOCUMENTS    |  | 3RD ANGLE PROJECTION      |     | <div>THIS DRAWING IS<br/>CONFIDENTIAL AND THE<br/>PROPERTY OF TURCK<br/>INC. USE OF THIS<br/>DOCUMENT WITHOUT<br/>WRITTEN PERMISSION IS<br/>PROHIBITED.</div> <div>TURCK</div> <div>3000 CAMPUS DRIVE<br/>MINNEAPOLIS, MN 55441<br/>1-800-544-7769<br/>(763) 553-7300<br/>(763) 553-0708 fax<br/>www.turck.us</div> |          |                                   |  |              |
| 1.<br>2.<br>3.<br>4. |  |                           |     |                                                                                                                                                                                                                                                                                                                     |          |                                   |  |              |
| MATERIAL             |  | DRFT                      | RDS | DATE                                                                                                                                                                                                                                                                                                                | 11/01/07 | DESCRIPTION<br><br>MFS 3F-*/S1648 |  |              |
| SEE SPECIFICATIONS   |  | DSGN                      |     | SCALE                                                                                                                                                                                                                                                                                                               | 1=.5     |                                   |  |              |
| FINISH               |  | UNIT OF MEASUREMENT       |     |                                                                                                                                                                                                                                                                                                                     |          | IDENTIFICATION NO.                |  | REV          |
| SEE SPECIFICATIONS   |  | MILLIMETER [ INCH ]       |     |                                                                                                                                                                                                                                                                                                                     |          |                                   |  | B            |
|                      |  | DO NOT SCALE THIS DRAWING |     |                                                                                                                                                                                                                                                                                                                     |          | FILE: 777020543                   |  | SHEET 1 OF 1 |

|     |                                        |     |          |         |
|-----|----------------------------------------|-----|----------|---------|
| B   | DRAWING PROCESSED AS PART OF ECO 33971 | CBM | 04/06/11 | 33971   |
| REV | DESCRIPTION                            | BY  | DATE     | ECO NO. |