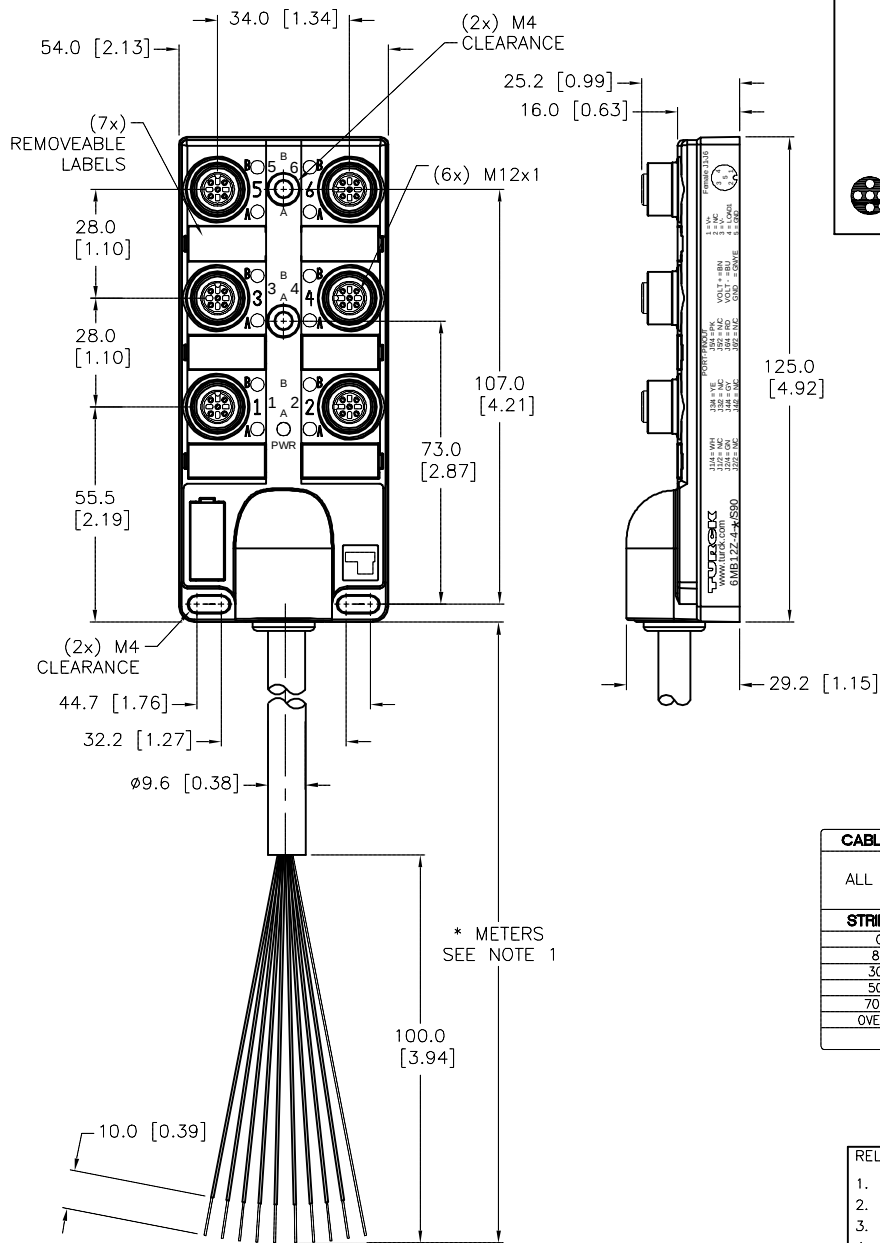
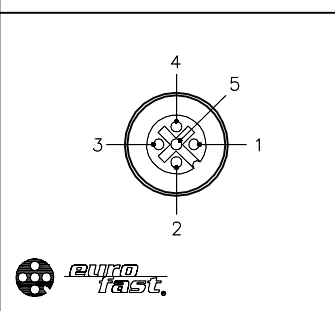




#### NOTES:

1. "\*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
2. "/S90" DESIGNATES THERMOPLASTIC POLYURETHANE (TPU) CABLE JACKET.

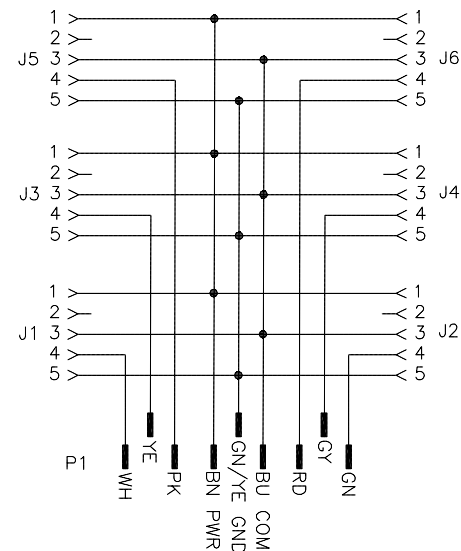
#### FEMALE END VIEW



#### SPECIFICATIONS

|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| NUMBER OF CONDUCTORS [AWG]    | 9x18 AWG                                                                   |
| DRAIN/SHIELD                  | 20 AWG/ALUMINUM-POLYESTER FOIL                                             |
| CONDUCTOR INSULATION MATERIAL | PVC                                                                        |
| OUTER JACKET MATERIAL/COLOR   | TPU/YELLOW                                                                 |
| HOUSING MATERIAL/COLOR        | NYLON/BLACK                                                                |
| RECEPTACLE MATERIAL/PLATING   | BRASS/NICKEL                                                               |
| CONTACT CARRIER MATERIAL      | NYLON                                                                      |
| CONTACT MATERIAL/PLATING      | BRASS/GOLD                                                                 |
| O-RING MATERIAL               | FKM/FPM                                                                    |
| OPERATING VOLTAGE [V]         | 250 VDC                                                                    |
| OPERATING CURRENT [A]         | 4.0 AMPS/SIGNAL, 12.0 AMPS TOTAL                                           |
| PROTECTION CLASS              | IP68, IP69K: ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED |
| OPERATING TEMPERATURE         | -40°C to +85°C (-40°F to +185°F)                                           |

#### WIRING DIAGRAM



| 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 |                                                                             |

#### SOURCE DRAWING - FOR REFERENCE ONLY

|                                           |                                                                                                           |                                                                                                                            |             |                                                                                                                      |                          |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------|--------------------------|
| RELATED DOCUMENTS<br>1.<br>2.<br>3.<br>4. | 3RD ANGLE PROJECTION<br>                                                                                  | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. |             | 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 |                          |
|                                           |                                                                                                           | DRFT<br>APVD                                                                                                               | RDS<br>J.S. | DATE<br>SCALE                                                                                                        | 08/20/12<br>1=2.0        |
| MATERIAL<br><br>SEE SPECIFICATIONS        | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY<br><br>CONTACT TURCK FOR MORE INFORMATION | UNIT OF MEASUREMENT<br><b>MILLIMETER [ INCH ]</b>                                                                          |             | DESCRIPTION<br><b>6MB12Z-4-*/S90</b>                                                                                 |                          |
| FINISH<br><br>SEE SPECIFICATIONS          |                                                                                                           | DO NOT SCALE THIS DRAWING                                                                                                  |             | IDENTIFICATION NO.<br>FILE: 777028849                                                                                | REV<br>F<br>SHEET 1 OF 1 |

|     |                      |    |          |         |
|-----|----------------------|----|----------|---------|
| F   | ADD CE LOGO TO LABEL | ER | 08/31/18 | 66305   |
| REV | DESCRIPTION          | BY | DATE     | ECO NO. |