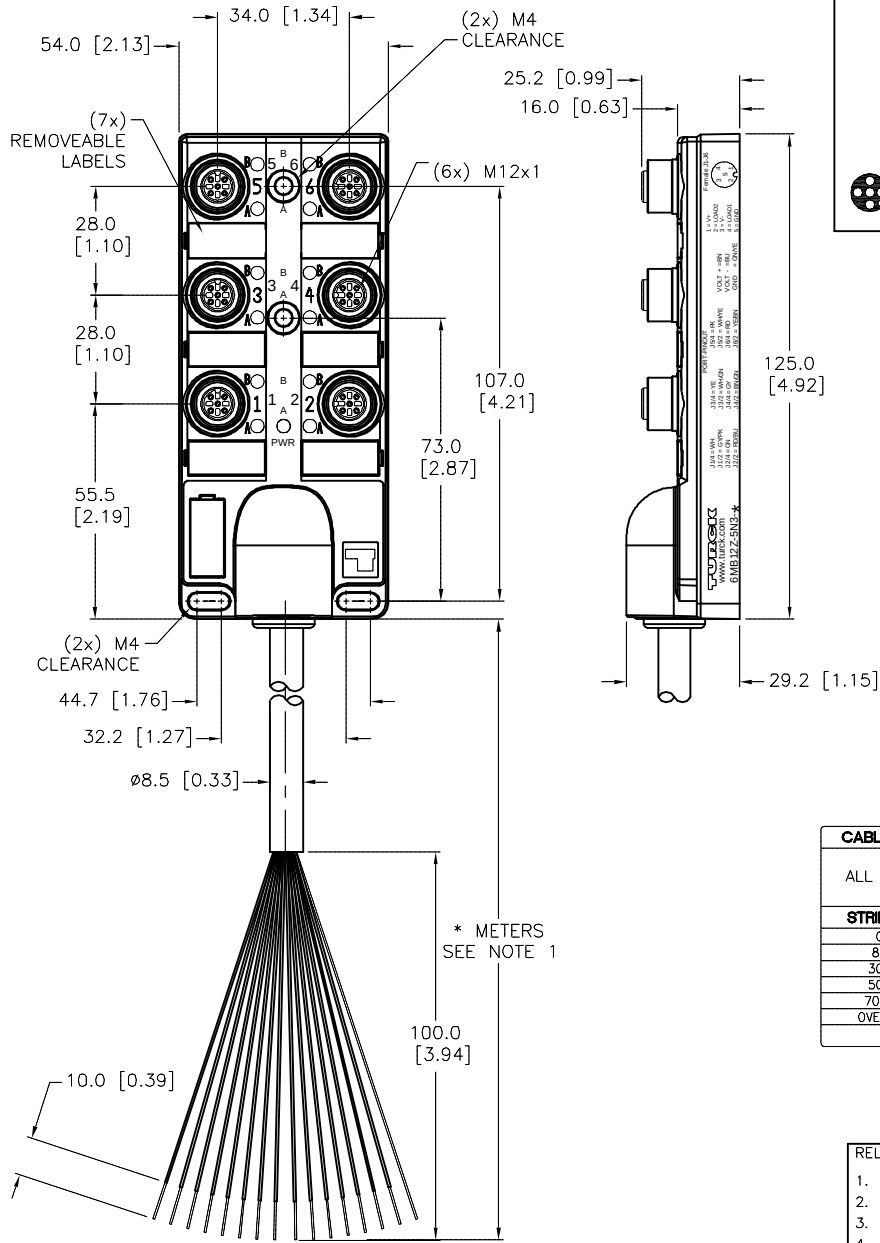
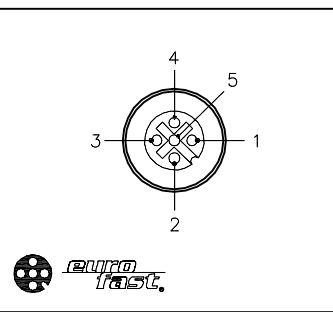




#### NOTES:

1. "\*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.

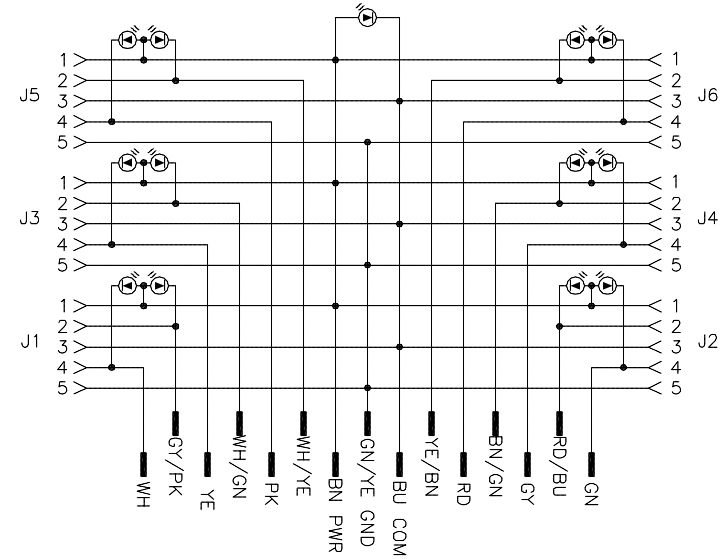
#### FEMALE END VIEW



#### SPECIFICATIONS

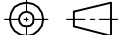
|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| NUMBER OF CONDUCTORS [AWG]    | 3x18 AWG, 12x22 AWG                                                        |
| DRAIN/SHIELD                  | 22 AWG/ALUMINUM-POLYESTER FOIL                                             |
| CONDUCTOR INSULATION MATERIAL | PVC                                                                        |
| OUTER JACKET MATERIAL/COLOR   | PVC/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]         | 10-30 VDC                                                                  |
| OPERATING CURRENT [A]         | 2.0 AMPS/SIGNAL, 9.0 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><br>1.<br><br>2.<br><br>3.<br><br>4. | 3RD ANGLE PROJECTION                                            |  |                     | 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 |              |
|                                                           |                                                                 |                                                                                       |                     |                                                                                                                            |                                                                                       |                                 |                                                                                                                      |              |
|                                                           |                                                                 |                                                                                       |                     |                                                                                                                            |                                                                                       |                                 |                                                                                                                      |              |
|                                                           |                                                                 |                                                                                       |                     |                                                                                                                            |                                                                                       |                                 |                                                                                                                      |              |
| MATERIAL                                                  | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | DRFT                                                                                  | RDS                 | DATE                                                                                                                       | 09/11/12                                                                              | DESCRIPTION<br><br>6MB12Z-5N3-* |                                                                                                                      |              |
| SEE SPECIFICATIONS                                        |                                                                 | APVD                                                                                  | J.S.                | SCALE                                                                                                                      | 1=2.0                                                                                 |                                 |                                                                                                                      |              |
| FINISH                                                    |                                                                 | CONTACT TURCK FOR MORE INFORMATION                                                    | UNIT OF MEASUREMENT |                                                                                                                            |                                                                                       | IDENTIFICATION NO.              |                                                                                                                      | REV<br><br>D |
| SEE SPECIFICATIONS                                        |                                                                 |                                                                                       | MILLIMETER [ INCH ] |                                                                                                                            |                                                                                       |                                 |                                                                                                                      |              |
|                                                           |                                                                 | DO NOT SCALE THIS DRAWING                                                             |                     |                                                                                                                            | FILE: 777028858                                                                       |                                 | SHEET 1 OF 1                                                                                                         |              |

|     |                                       |    |          |         |
|-----|---------------------------------------|----|----------|---------|
| D   | UPDATED SEALING RING MATERIAL PER ECO | TV | 08/12/16 | 56141   |
| REV | DESCRIPTION                           | BY | DATE     | ECO NO. |