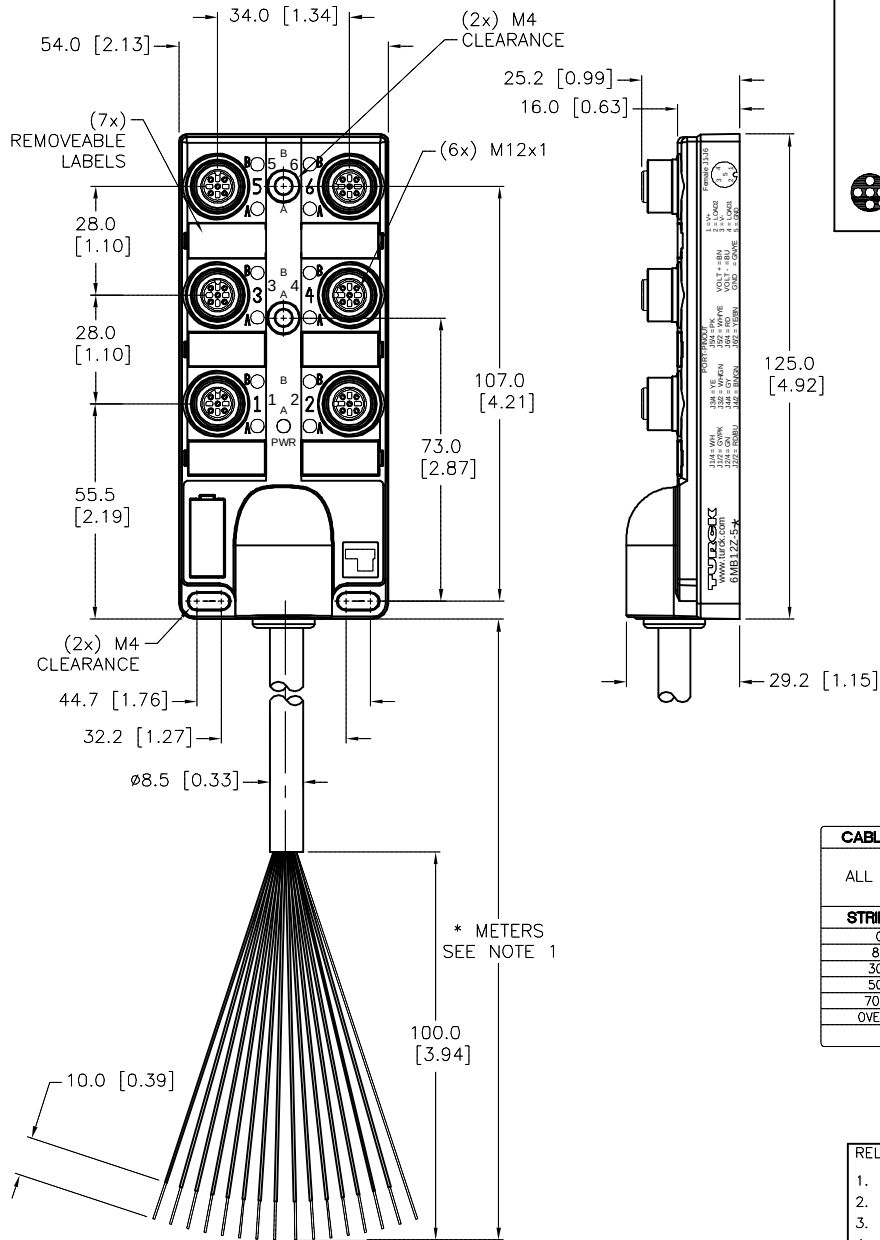
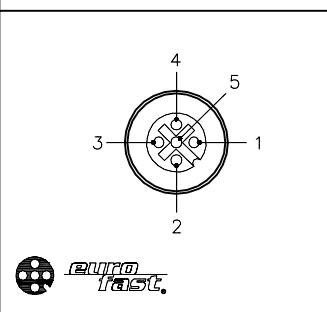




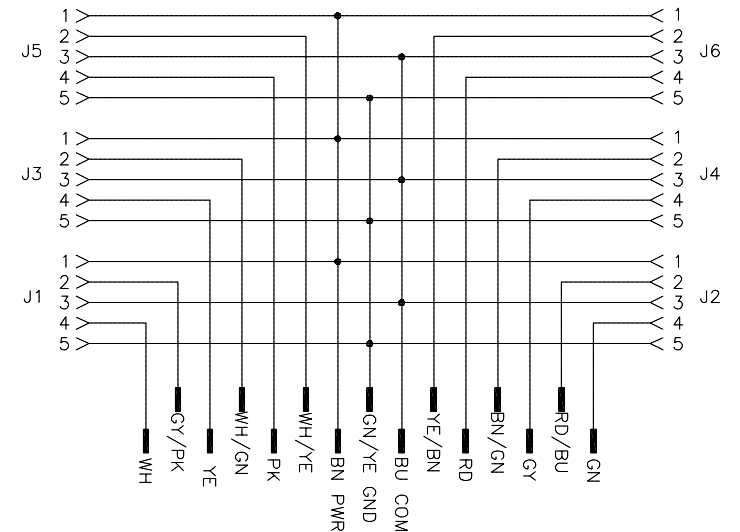
## FEMALE END VIEW



## 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]         | 60 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

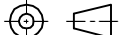


| CABLE LENGTH                 | TOLERANCE*                                                                  |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<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 |                                                                             |

## NOTES:

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

## SOURCE DRAWING - FOR REFERENCE ONLY

|                                           |                                                                          |                                                                                       |                                                |                                                                                                                                              |          |                                                                                       |                    |                                                                                                                      |              |
|-------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|--------------|
| RELATED DOCUMENTS<br>1.<br>2.<br>3.<br>4. | 3RD ANGLE<br>PROJECTION                                                  |  |                                                | 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. |          |  |                    | 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<br><br>SEE SPECIFICATIONS        | ALL DIMENSIONS<br>DISPLAYED ON THIS<br>DRAWING ARE FOR<br>REFERENCE ONLY | DRFT                                                                                  | RDS                                            | DATE                                                                                                                                         | 09/11/12 | DESCRIPTION<br><br>6MB12Z-5-*                                                         |                    |                                                                                                                      |              |
| APVD                                      |                                                                          | J.S.                                                                                  | SCALE                                          | 1=2.0                                                                                                                                        |          |                                                                                       |                    |                                                                                                                      |              |
| FINISH<br><br>SEE SPECIFICATIONS          |                                                                          | CONTACT TURCK<br>FOR MORE<br>INFORMATION                                              | UNIT OF MEASUREMENT<br><br>MILLIMETER [ INCH ] |                                                                                                                                              |          |                                                                                       | IDENTIFICATION NO. |                                                                                                                      | REV<br><br>F |
|                                           |                                                                          | DO NOT SCALE THIS DRAWING                                                             |                                                |                                                                                                                                              |          | FILE: 777028854                                                                       |                    | SHEET 1 OF 1                                                                                                         |              |

|     |                        |    |          |         |
|-----|------------------------|----|----------|---------|
| F   | ADDED CE LOGO TO LABEL | ER | 08/30/18 | 66305   |
| REV | DESCRIPTION            | BY | DATE     | ECO NO. |