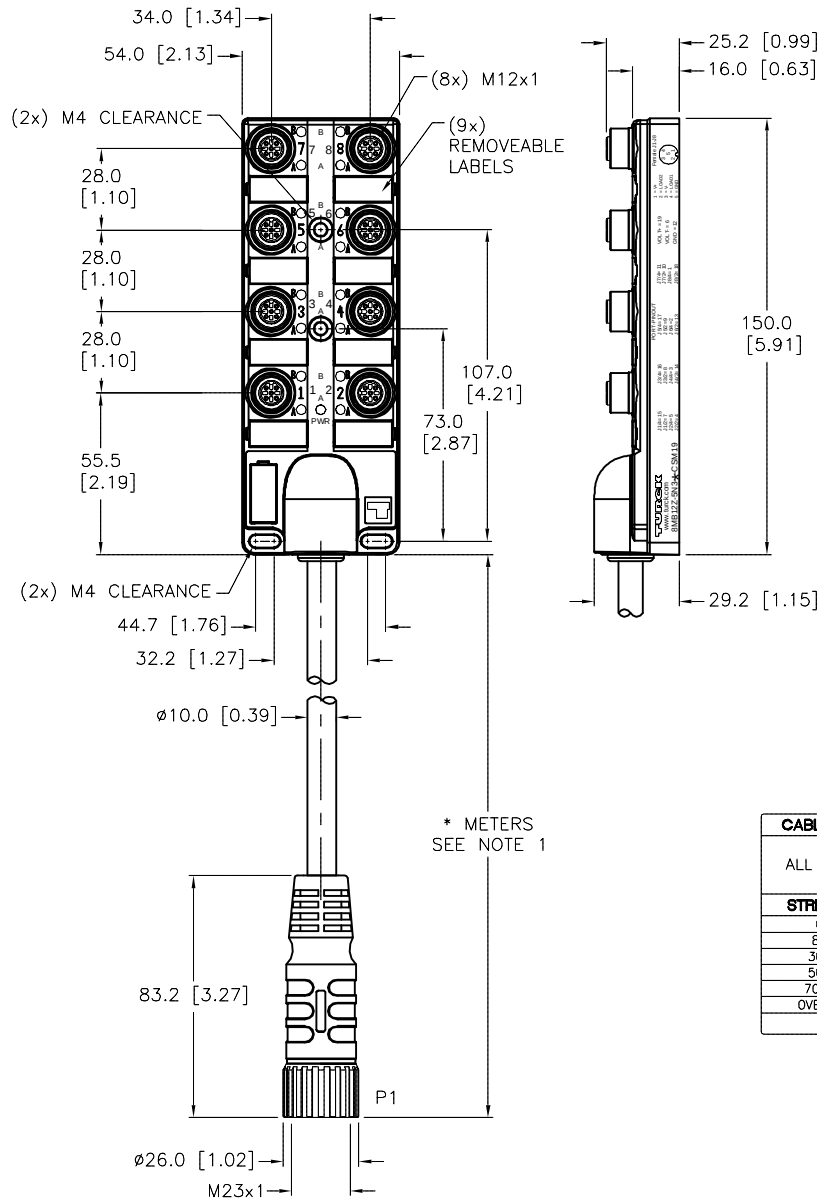


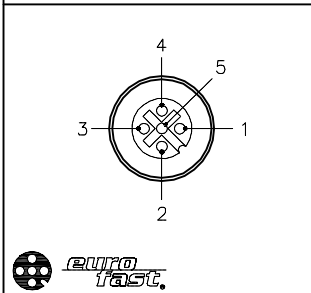


\* METERS  
SEE NOTE 1

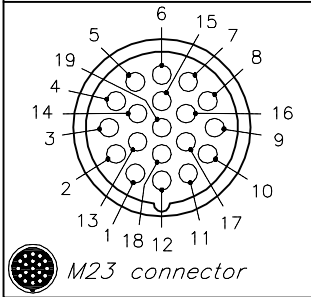
#### NOTES:

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

#### FEMALE END VIEW (J1-J8)



#### MALE END VIEW (P1)

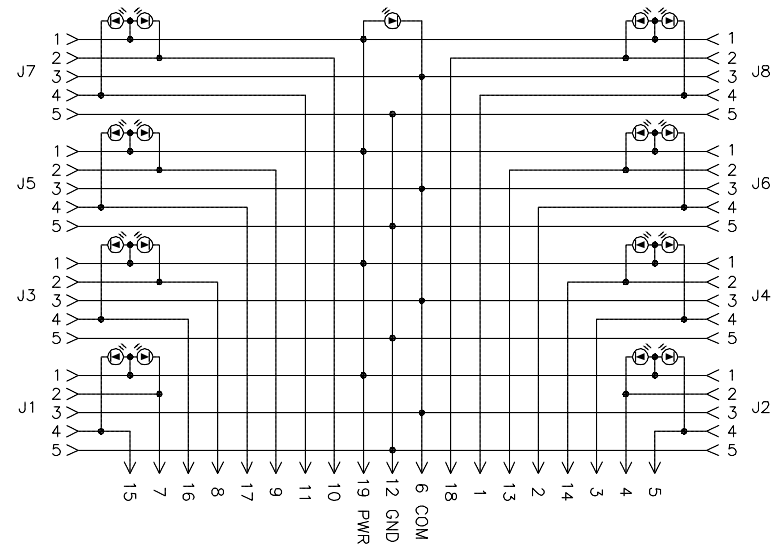


| CABLE LENGTH                 | TOLERANCE*                                                                  |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH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

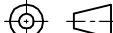
#### SPECIFICATIONS

|                                     |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| NUMBER OF CONDUCTORS [AWG]          | 3x18 AWG, 16x22 AWG                                                 |
| DRAIN/SHIELD                        | 20 AWG/ALUMINUM-POLYESTER FOIL                                      |
| CONDUCTOR INSULATION MATERIAL       | PVC                                                                 |
| OUTER JACKET MATERIAL/COLOR         | PVC/YELLOW                                                          |
| HOUSING MATERIAL/COLOR              | NYLON/BLACK                                                         |
| RECEPTACLE MATERIAL/PLATING (J1-J8) | BRASS/NICKEL                                                        |
| CONTACT CARRIER MATERIAL            | NYLON (J1-J8), PBT (P1)                                             |
| CONTACT MATERIAL/PLATING            | BRASS/GOLD                                                          |
| MOLDED HEAD MATERIAL/COLOR (P1)     | TPU/BLACK                                                           |
| COUPLING NUT MATERIAL/PLATING (P1)  | BRASS/NICKEL                                                        |
| O-RING MATERIAL                     | FKM/FPM                                                             |
| OPERATING VOLTAGE [V]               | 10-30 VDC                                                           |
| OPERATING CURRENT [A]               | 2.0 AMPS/SIGNAL, 9.0 AMPS TOTAL                                     |
| PROTECTION CLASS                    | IP67, ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED |
| OPERATING TEMPERATURE               | -40°C to +85°C (-40°F to +185°F)                                    |

#### WIRING DIAGRAM



#### 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                                                                                  | RWC  | DATE                                                                                                                       | 01/20/06 | DESCRIPTION<br><br>8MB12Z-5N3-*--CSM 19                                               |                    |                                                                                                                      |              |  |
| SEE SPECIFICATIONS                                        |                                                                 | APVD                                                                                  | T.S. | SCALE                                                                                                                      | 1=2.7    |                                                                                       |                    |                                                                                                                      |              |  |
| FINISH                                                    |                                                                 | UNIT OF MEASUREMENT                                                                   |      |                                                                                                                            |          |                                                                                       | IDENTIFICATION NO. |                                                                                                                      | REV<br><br>H |  |
| SEE SPECIFICATIONS                                        |                                                                 | MILLIMETER [ INCH ]                                                                   |      |                                                                                                                            |          |                                                                                       |                    |                                                                                                                      |              |  |
|                                                           | CONTACT TURCK FOR MORE INFORMATION                              | DO NOT SCALE THIS DRAWING                                                             |      |                                                                                                                            |          |                                                                                       | FILE: 777012398    |                                                                                                                      | SHEET 1 OF 1 |  |

|     |             |    |          |         |
|-----|-------------|----|----------|---------|
| H   | ADD CE LOGO | NF | 08/31/18 | 66305   |
| REV | DESCRIPTION | BY | DATE     | ECO NO. |