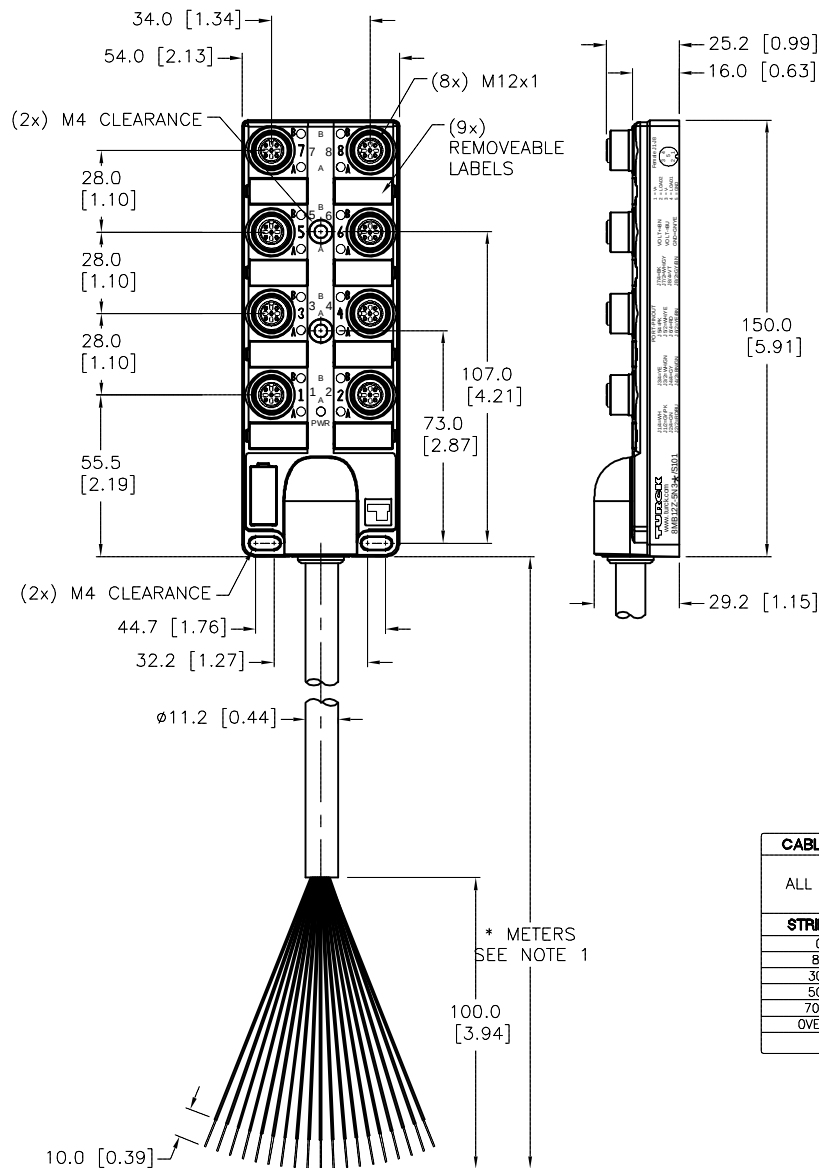
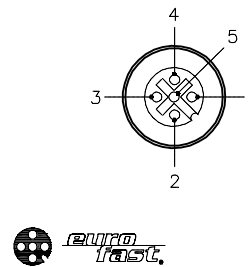




| CABLE LENGTH | TOLERANCE*                                                                  |
|--------------|-----------------------------------------------------------------------------|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH |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

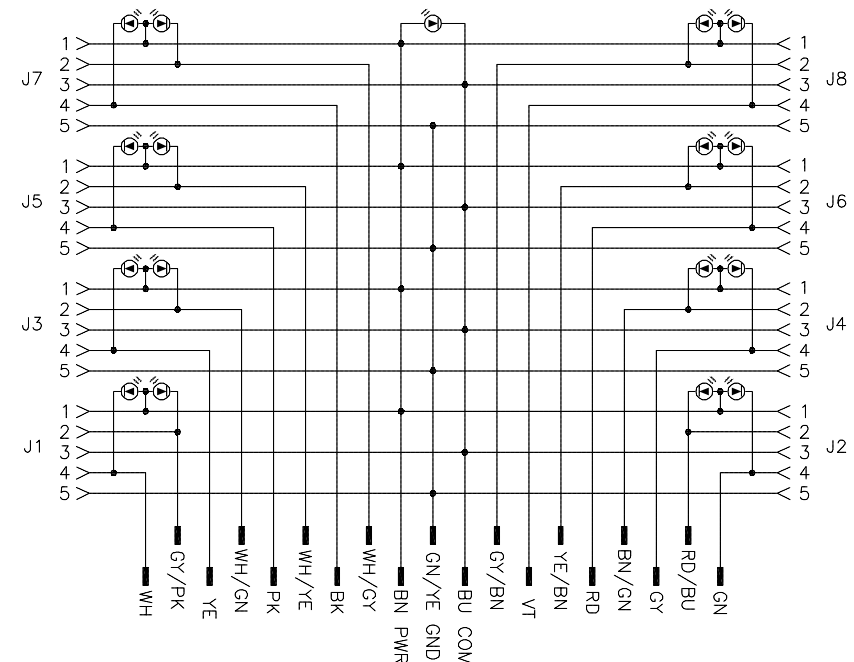
## FEMALE END VIEW



## SPECIFICATIONS

|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| NUMBER OF CONDUCTORS [AWG]    | 3x18 AWG, 18x22 AWG                                                        |
| CONDUCTOR INSULATION MATERIAL | POLYESTER ELASTOMER                                                        |
| OUTER JACKET MATERIAL/COLOR   | TPE/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]         | 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



### NOTES:

- "\*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
- "/S101" DESIGNATES, FLEXLIFE-20 AND CTRACK CABLE.
- UNUSED CONDUCTORS TRIMMED BACK TO CABLE JACKET ON BOTH ENDS.

|                                           |                                                                 |                                                                                                                            |     |                                                                                                                      |              |
|-------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------|--------------|
| 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                                                                                                                       | RWC | DATE                                                                                                                 | 09/27/04     |
| MATERIAL<br><br>SEE SPECIFICATIONS        | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | APVD                                                                                                                       |     | SCALE                                                                                                                | 1=2.7        |
|                                           |                                                                 | UNIT OF MEASUREMENT<br><b>MILLIMETER [ INCH ]</b>                                                                          |     | DESCRIPTION<br>8MB12Z-5N3-*/S101                                                                                     |              |
| FINISH<br><br>SEE SPECIFICATIONS          | CONTACT TURCK FOR MORE INFORMATION                              | IDENTIFICATION NO.                                                                                                         |     |                                                                                                                      | REV<br>M     |
| DO NOT SCALE THIS DRAWING                 |                                                                 | FILE: 777005538                                                                                                            |     |                                                                                                                      | SHEET 1 OF 1 |

|     |                      |    |          |         |
|-----|----------------------|----|----------|---------|
| M   | UPDATE RATED CURRENT | NF | 11/15/17 | 57053   |
| REV | DESCRIPTION          | BY | DATE     | ECO NO. |