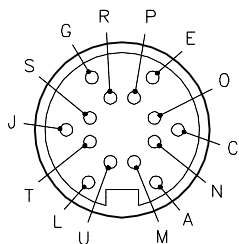


## FEMALE END VIEW



T = GREEN  
J = BLUE  
S = WHITE  
G = N/C  
R = N/C  
U = ORANGE  
M = BROWN  
P = DRAIN  
E = N/C  
O = YELLOW  
C = RED  
N = BLACK

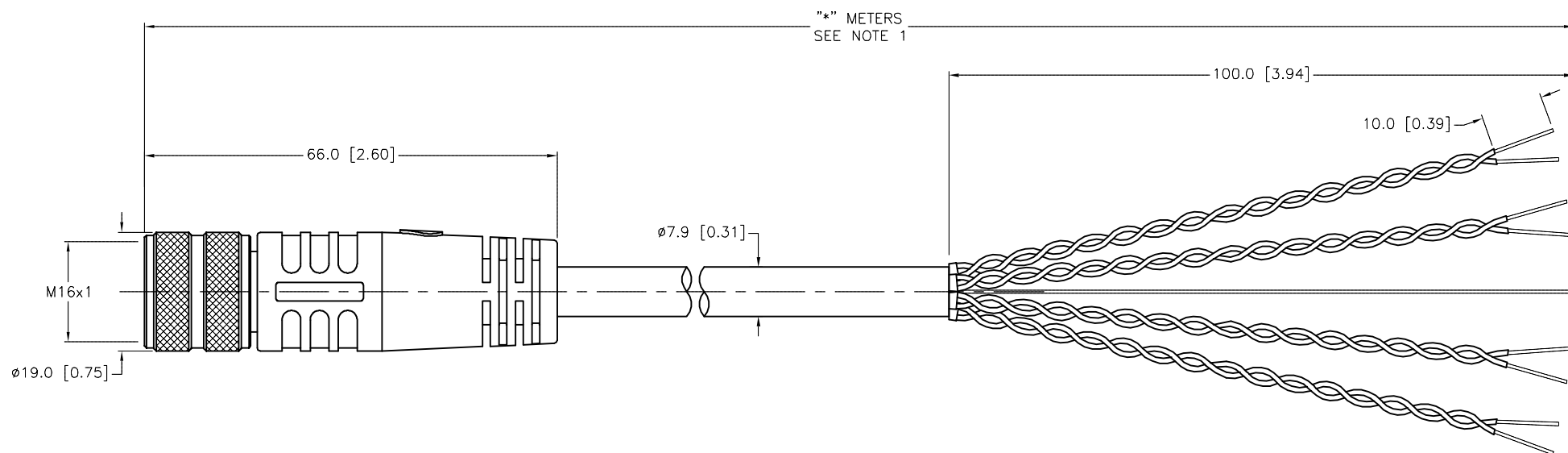
THE FOLLOWING WIRES  
ARE TWISTED PAIRS:

BLACK - RED  
YELLOW - WHITE  
BLUE - GREEN  
BROWN - ORANGE

M16 connector

## SPECIFICATIONS

|                                |                                                                         |
|--------------------------------|-------------------------------------------------------------------------|
| CONTACT CARRIER MATERIAL/COLOR | NYLON/BLACK                                                             |
| CONTACT MATERIAL/PLATING       | COPPER ALLOY/GOLD                                                       |
| MOLDED HEAD MATERIAL/COLOR     | TPU/YELLOW                                                              |
| COUPLING NUT MATERIAL/PLATING  | BRASS/NICKEL                                                            |
| RATED CURRENT [A]              | 3.0 A                                                                   |
| RATED VOLTAGE [V]              | 60 V AC/DC                                                              |
| OUTER JACKET MATERIAL/COLOR    | PVC/YELLOW                                                              |
| CONDUCTOR INSULATION MATERIAL  | PVC                                                                     |
| NUMBER OF CONDUCTORS [AWG]     | 8x24 AWG, 4 TWISTED PAIRS, 22 AWG DRAIN                                 |
| SHIELD                         | 36 AWG T-C BRAID (90% COVERAGE)<br>ALUM.-POLYESTER FOIL (100% COVERAGE) |
| TEMPERATURE RANGE              | -40°C to +85°C (-40°F to +185°F)                                        |
| PROTECTION CLASS               | MEETS IEC IP67                                                          |



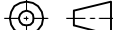
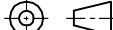
| CABLE LENGTH | TOLERANCE*                                                                  |
|--------------|-----------------------------------------------------------------------------|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH | 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. "\*" DESIGNATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

SOURCE DRAWING - FOR REFERENCE ONLY

|                                                           |                                                                          |                                                                                       |                                                                                                                                              |                                                                                       |                                   |  |                                                                                                                      |                 |              |
|-----------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------|--|----------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| RELATED DOCUMENTS<br><br>1.<br><br>2.<br><br>3.<br><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                                                  | ALL DIMENSIONS<br>DISPLAYED ON THIS<br>DRAWING ARE FOR<br>REFERENCE ONLY |  | DRFT      CBM                                                                                                                                | DATE    10/28/99                                                                      | DESCRIPTION<br><br>RBK 1614-802-* |  |                                                                                                                      |                 |              |
| APVD                                                      |                                                                          |                                                                                       | SCALE    1=1.0                                                                                                                               |                                                                                       |                                   |  |                                                                                                                      |                 |              |
| FINISH                                                    |                                                                          |                                                                                       | UNIT OF MEASUREMENT                                                                                                                          |                                                                                       | IDENTIFICATION NO.                |  | REV<br><br>E                                                                                                         |                 |              |
|                                                           |                                                                          |                                                                                       | MILLIMETERS                                                                                                                                  |                                                                                       |                                   |  |                                                                                                                      |                 |              |
|                                                           |                                                                          |                                                                                       | DO NOT SCALE THIS DRAWING                                                                                                                    |                                                                                       |                                   |  |                                                                                                                      | FILE: 777000770 | SHEET 1 OF 1 |

|     |                       |     |          |         |
|-----|-----------------------|-----|----------|---------|
| E   | UPDATE SPECIFICATIONS | RDS | 03/31/17 | 59486   |
| REV | DESCRIPTION           | BY  | DATE     | ECO NO. |