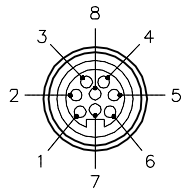


FEMALE END VIEW

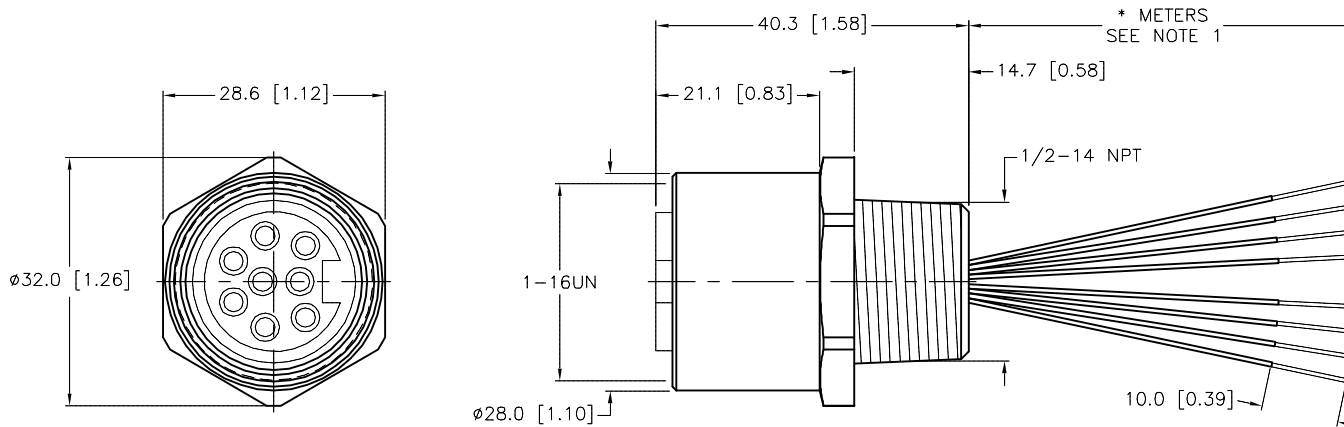


- 1 = ORANGE
- 2 = BLUE
- 3 = WHITE/BLACK
- 4 = BLACK
- 5 = WHITE
- 6 = RED
- 7 = GREEN
- 8 = RED/BLACK



SPECIFICATIONS

|                               |                                   |
|-------------------------------|-----------------------------------|
| CONTACT CARRIER MATERIAL      | POLYURETHANE                      |
| CONTACT MATERIAL/PLATING      | BRASS/GOLD                        |
| HOUSING MATERIAL/PLATING      | BRASS/NICKEL                      |
| RATED CURRENT [A]             | 8.0 A                             |
| RATED VOLTAGE [V]             | 600 V                             |
| CONDUCTOR INSULATION MATERIAL | PVC                               |
| NUMBER OF CONDUCTORS [AWG]    | 8x16 AWG                          |
| TEMPERATURE RATING            | -30°C to +105°C (-22°F to +221°F) |
| PROTECTION CLASS              | MEETS NEMA 1,3,4,6P AND IEC IP68  |



| 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 LEAD LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

SOURCE DRAWING - FOR REFERENCE ONLY

|                    |   |  |      |   |          |
|--------------------|---|--|------|---|----------|
| RELATED DOCUMENTS  | 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>turck.com |          |
| 1.                 |   | DRFT   | JB   | DATE  | 08/22/03 |
| 2.                 |   | SEE SPECIFICATIONS   | DSGN | SCALE   | 1 = 1.0  |
| 3.                 | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | UNIT OF MEASUREMENT  |      | DESCRIPTION   |          |
| 4.                 |   | MILLIMETER [ INCH ]  |      | RKF 86-*M/14.5/NPT  |          |
| MATERIAL           |   | CONTACT TURCK FOR MORE INFORMATION   |      | IDENTIFICATION NO.  |          |
| FINISH             |   | DO NOT SCALE THIS DRAWING  |      | REV   |          |
| SEE SPECIFICATIONS |   | FILE: 777002146  |      | D   |          |
| SEE SPECIFICATIONS |   | SHEET 1 OF 1   |      |   |          |

|     |                                    |     |          |         |
|-----|------------------------------------|-----|----------|---------|
| D   | UPDATE CURRENT AND VOLTAGE RATINGS | CBM | 01/28/11 | 33987   |
| REV | DESCRIPTION                        | BY  | DATE     | ECO NO. |