

MALE END VIEW

1 = WHITE  
2 = BROWN  
3 = GREEN  
4 = YELLOW  
5 = GRAY  
6 = PINK  
7 = BLUE  
8 = RED

TYPICAL PANEL CUTOUT

15.3 [.602]  
13.6 [.535]

SPECIFICATIONS

|                                |                                  |
|--------------------------------|----------------------------------|
| CONTACT CARRIER MATERIAL/COLOR | TPU/BLACK                        |
| CONTACT MATERIAL/PLATING       | BRASS/GOLD                       |
| HOUSING/LOCKNUT MATERIAL       | BRASS/NICKEL                     |
| O-RING MATERIAL                | NITRILE                          |
| RATED CURRENT [A]              | 2.0 A                            |
| RATED VOLTAGE [V]              | 60 VAC/75 VDC                    |
| CONDUCTOR INSULATION MATERIAL  | PVC                              |
| NUMBER OF CONDUCTORS [AWG]     | 8x24 AWG                         |
| TEMPERATURE RATING             | -40°C TO 105°C (-40°F TO +221°F) |
| PROTECTION CLASS               | MEETS NEMA 1,3,4,6P AND IEC IP68 |
| MAX. PANEL THICKNESS           | 3.0 [0.12]                       |

21.5 [0.85] REF.  
19.0 [0.75]  
O-RING GROOVE  
END VIEW  
LOCKNUT NOT SHOWN

21.5 [0.85]  
2.5 [0.10]  
7.0 [0.28]  
M12x1  
PG 9  
LOCKNUT  
O-RING

| 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. | <div><div>TURCK INC</div><div>High Technology Sensors and Automation Controls</div></div> <div>3000 CAMPUS DRIVE<br/>MINNEAPOLIS, MN 55441<br/>1-800-544-7769<br/>(763) 553-7300<br/>(763) 553-0708 fax<br/>turck.com</div> |               |
| 1.<br>2.<br>3.<br>4. |                      |                                                                                                                            | DRFT RWC                                                                                                                                                                                                                    | DATE 07/24/09 |
| MATERIAL             | SEE SPECIFICATIONS   | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY                                                            | APVD                                                                                                                                                                                                                        | SCALE 1=1.0   |
| FINISH               | SEE SPECIFICATIONS   | CONTACT TURCK FOR MORE INFORMATION                                                                                         | UNIT OF MEASUREMENT<br>MILLIMETER [ INCH ]                                                                                                                                                                                  |               |
|                      |                      | DO NOT SCALE THIS DRAWING                                                                                                  | DESCRIPTION<br>FSFD 8-*                                                                                                                                                                                                     |               |
|                      |                      |                                                                                                                            | IDENTIFICATION NO.                                                                                                                                                                                                          |               |
|                      |                      |                                                                                                                            | REV<br>D                                                                                                                                                                                                                    |               |
|                      |                      |                                                                                                                            | FILE: 777003713                                                                                                                                                                                                             |               |
|                      |                      |                                                                                                                            | SHEET 1 OF 1                                                                                                                                                                                                                |               |

|     |                    |    |          |         |
|-----|--------------------|----|----------|---------|
| D   | UPDATE ORIENTATION | NF | 01/13/16 | 53060   |
| REV | DESCRIPTION        | BY | DATE     | ECO NO. |