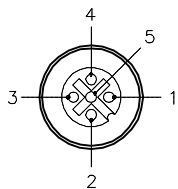
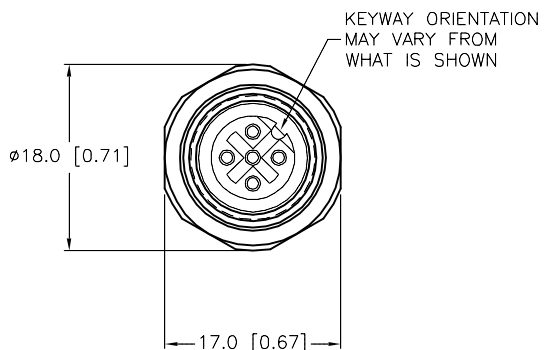


## FEMALE END VIEW



1 = BROWN  
2 = WHITE  
3 = BLUE  
4 = BLACK  
5 = GRAY



| 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 |                                                                             |

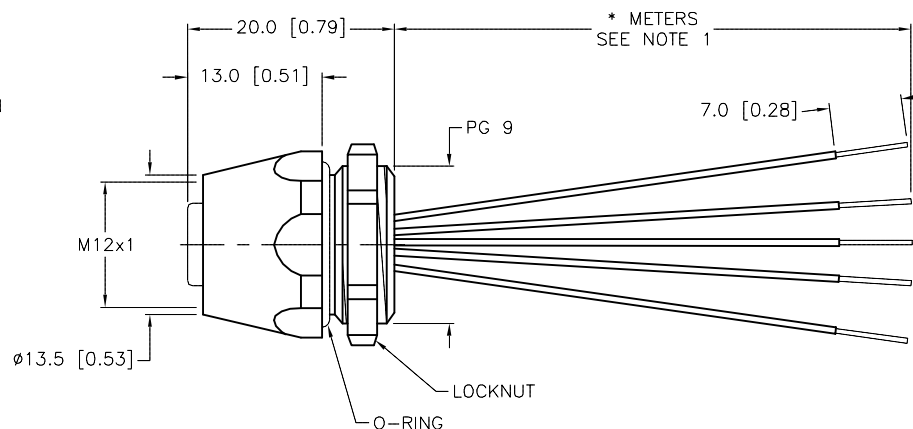
## NOTES:

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

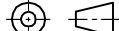
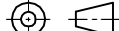
2. "/S830" DESIGNATES 24 AWG CONDUCTORS.

## SPECIFICATIONS

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| CONTACT CARRIER MATERIAL          | NYLON or TPU                      |
| CONTACT MATERIAL/PLATING          | BRASS/GOLD                        |
| HOUSING, LOCKNUT MATERIAL/PLATING | BRASS/NICKEL                      |
| O-RING MATERIAL                   | NITRILE                           |
| RATED CURRENT [A]                 | 4.0 A                             |
| RATED VOLTAGE [V]                 | 250 V                             |
| CONDUCTOR INSULATION MATERIAL     | PVC                               |
| NUMBER OF CONDUCTORS [AWG]        | 5x24 AWG                          |
| TEMPERATURE RATING                | -40°C to +105°C (-40°F to +221°F) |
| PROTECTION CLASS                  | MEETS NEMA 1,3,4,6P AND IEC IP68  |



## 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. | <div><b>TURCK INC</b></div> <div><i>High Technology Sensors and Automation Controls</i></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 |                                  |                    |              |
|                                                           |                                                                 |                                                                                       |                                                                                                                            |                                                                                               |       |                                                                                                                   |                                  |                    |              |
| MATERIAL                                                  | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY |  | DRFT                                                                                                                       | NF                                                                                            | DATE  | 12/04/15                                                                                                          | DESCRIPTION<br><br>FK 4.5-*/S830 |                    |              |
| SEE SPECIFICATIONS                                        |                                                                 |                                                                                       | APVD                                                                                                                       | L.H.                                                                                          | SCALE | 1=.8                                                                                                              |                                  |                    |              |
| FINISH                                                    |                                                                 |                                                                                       | CONTACT TURCK FOR MORE INFORMATION                                                                                         | UNIT OF MEASUREMENT                                                                           |       |                                                                                                                   |                                  | IDENTIFICATION NO. | REV<br><br>A |
| SEE SPECIFICATIONS                                        |                                                                 |                                                                                       |                                                                                                                            | MILLIMETER [ INCH ]                                                                           |       |                                                                                                                   |                                  |                    |              |
|                                                           |                                                                 |                                                                                       | DO NOT SCALE THIS DRAWING                                                                                                  |                                                                                               |       |                                                                                                                   | FILE: 777036691                  | SHEET 1 OF 1       |              |

|     |                 |    |          |         |
|-----|-----------------|----|----------|---------|
| A   | DRAWING RELEASE | NF | 12/08/15 |         |
| REV | DESCRIPTION     | BY | DATE     | ECO NO. |