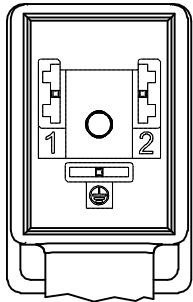
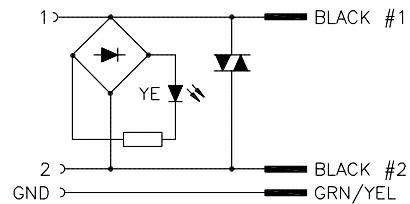


## VALVE END VIEW



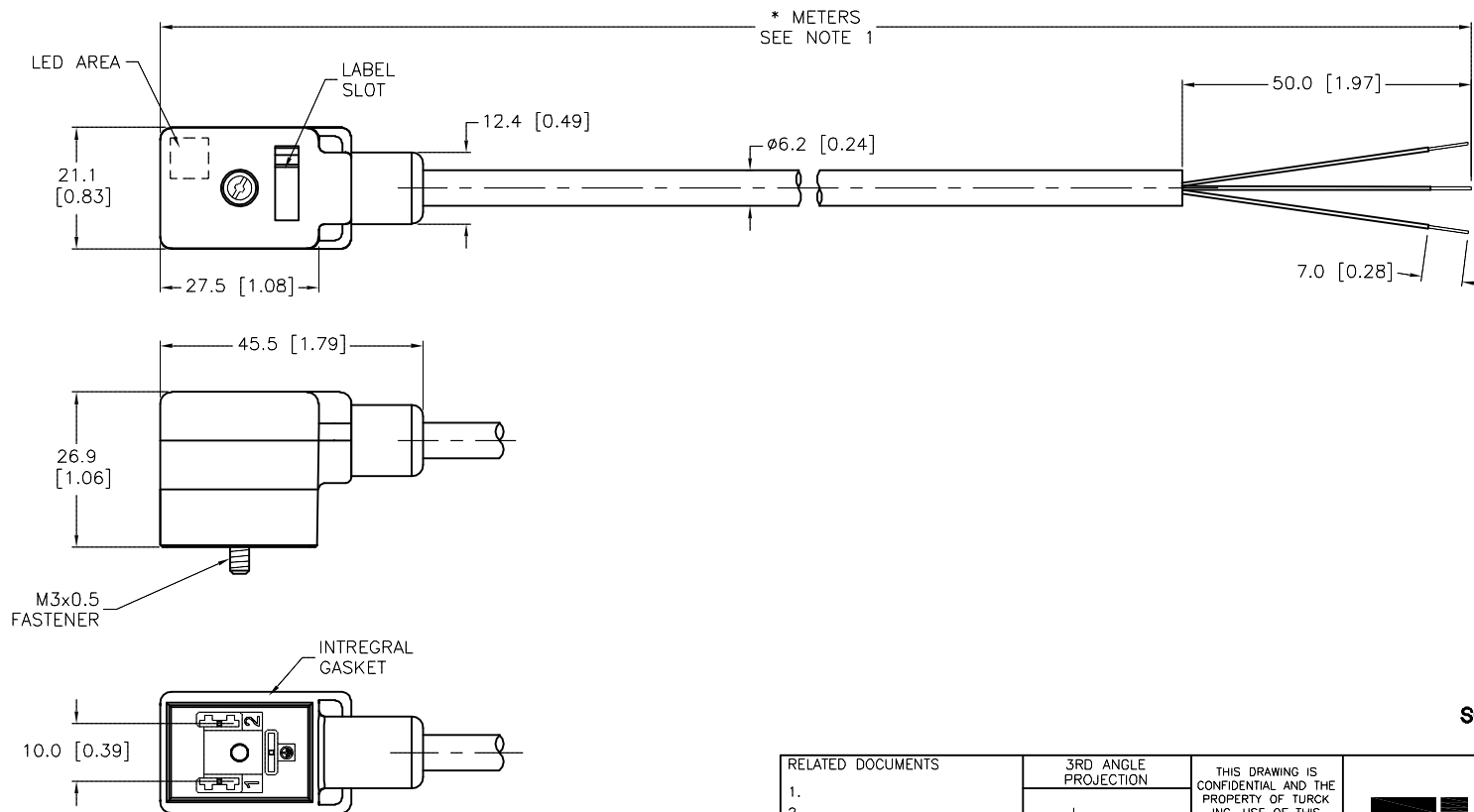
1 = BLACK #1  
2 = BLACK #2  
GND = GREEN/YELLOW

## WIRING DIAGRAM



## SPECIFICATIONS

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| CONTACT CARRIER MATERIAL          | NYLON                             |
| MOLDED HEAD MATERIAL/COLOR        | TPU/TRANSLUCENT BLACK             |
| CONTACT MATERIAL/PLATING          | BRASS/SILVER                      |
| RATED CURRENT [A]                 | 4.0 A                             |
| RATED VOLTAGE [V]                 | 24-48 VAC/VDC                     |
| OUTER CABLE JACKET MATERIAL/COLOR | PVC/GRAY                          |
| CONDUCTOR INSULATION MATERIAL     | PVC                               |
| NUMBER OF CONDUCTORS [AWG]        | 3x18 AWG                          |
| TEMPERATURE RANGE                 | -40°C to +105°C (-40°F to +221°F) |
| PROTECTION CLASS                  | MEETS NEMA 1,3,4,6P AND 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    |  | 3RD ANGLE PROJECTION                           |  | <div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> <div>TURCK</div> |  | 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 |  |
| 1.<br>2.<br>3.<br>4. |  |                                                |  |                                                                                                                                                        |  |                                                                                                                      |  |
| MATERIAL             |  | DRFT NF                                        |  | DATE 06/28/17                                                                                                                                          |  | DESCRIPTION<br><br>TBS 2-D653-*M                                                                                     |  |
| SEE SPECIFICATIONS   |  | APVD T.S.                                      |  | SCALE 1=1.3                                                                                                                                            |  |                                                                                                                      |  |
| FINISH               |  | UNIT OF MEASUREMENT<br><br>MILLIMETER [ INCH ] |  | IDENTIFICATION NO.                                                                                                                                     |  | REV<br><br>A                                                                                                         |  |
| SEE SPECIFICATIONS   |  |                                                |  |                                                                                                                                                        |  |                                                                                                                      |  |
|                      |  | CONTACT TURCK FOR MORE INFORMATION             |  | DO NOT SCALE THIS DRAWING                                                                                                                              |  | FILE: 777039880                                                                                                      |  |
|                      |  |                                                |  |                                                                                                                                                        |  | SHEET 1 OF 1                                                                                                         |  |

|     |                 |    |          |          |
|-----|-----------------|----|----------|----------|
| A   | DRAWING RELEASE | NF | 06/29/17 |          |
| REV | DESCRIPTION     | BY | DATE     | ECO. NO. |