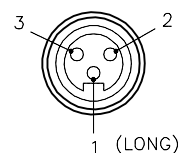
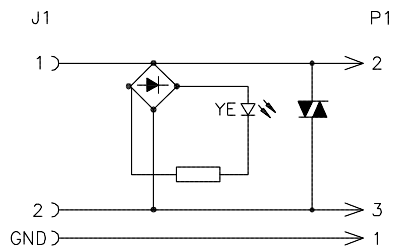


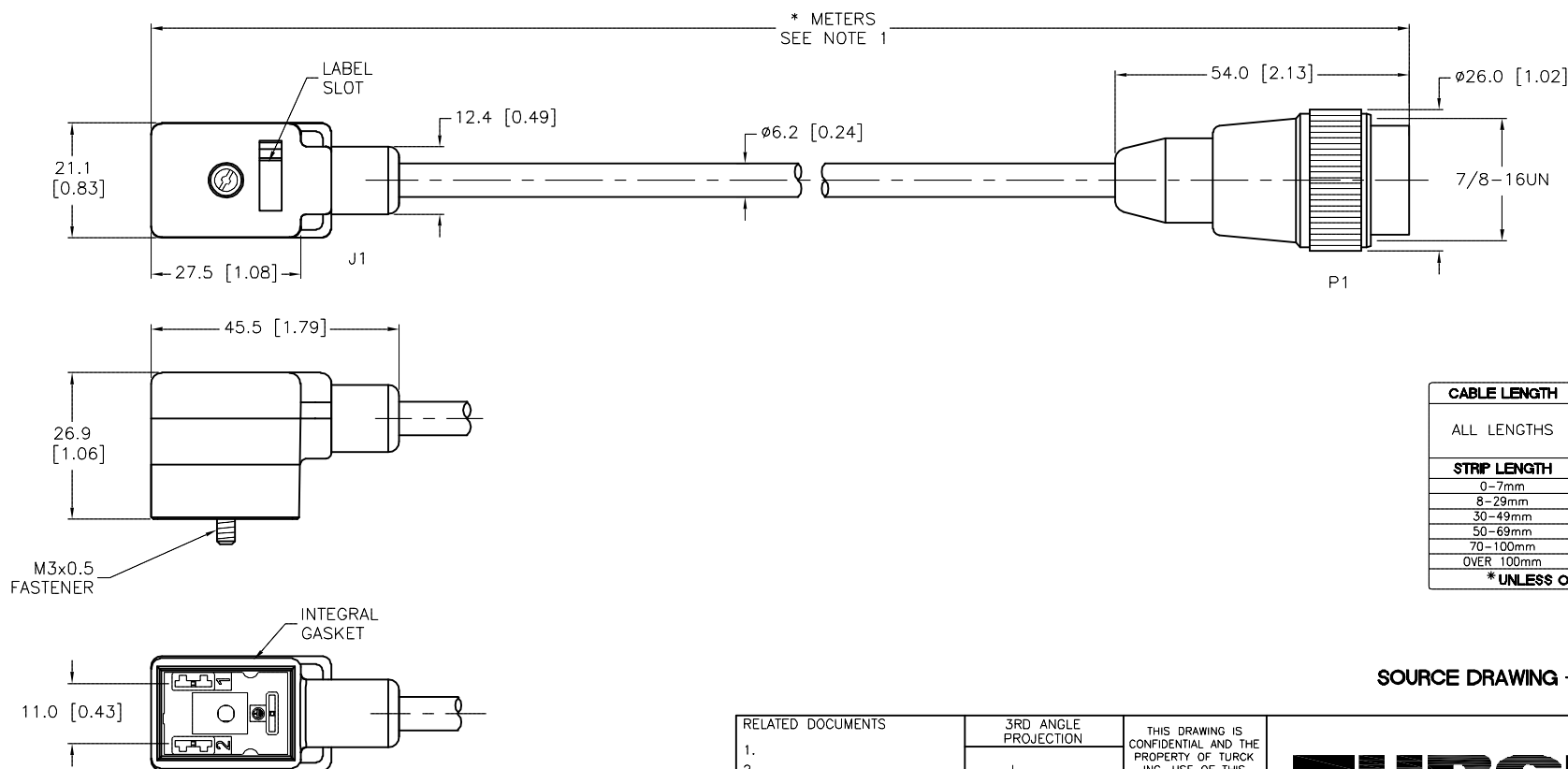
| VALVE END VIEW                                                                                                                              | WIRING DIAGRAM                                                                   | MALE END VIEW                                                                                                                                                                                                                  | SPECIFICATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------|----------------------------|------------------------------------|--------------------------|------------------------------------|------------------------------------|--------------|-------------------|-------|-------------------|-----------------|-----------------------------|----------|-------------------------------|-----|---------------------------|----------|-----------------------|---------------------------------|------------------|----------------------------------|
|  <p>1 = BLACK #1<br/>2 = BLACK #2<br/>GND = GREEN/YELLOW</p> |  |  <p>1 = GREEN/YELLOW<br/>2 = BLACK #1<br/>3 = BLACK #2</p>  | <table border="1"> <tbody> <tr> <td>CONTACT CARRIER MATERIAL</td> <td>NYLON OR TPU</td> </tr> <tr> <td>MOLDED HEAD MATERIAL/COLOR</td> <td>TPU/TRANSLUCENT BLK (J1), YEL (P1)</td> </tr> <tr> <td>CONTACT MATERIAL/PLATING</td> <td>BRASS/SILVER (J1), BRASS/GOLD (P1)</td> </tr> <tr> <td>COUPLING NUT MATERIAL/PLATING (P1)</td> <td>BRASS/NICKEL</td> </tr> <tr> <td>RATED CURRENT [A]</td> <td>4.0 A</td> </tr> <tr> <td>RATED VOLTAGE [V]</td> <td>110–220 VAC/VDC</td> </tr> <tr> <td>OUTER JACKET MATERIAL/COLOR</td> <td>PVC/GRAY</td> </tr> <tr> <td>CONDUCTOR INSULATION MATERIAL</td> <td>PVC</td> </tr> <tr> <td>NUMER OF CONDUCTORS [AWG]</td> <td>3x18 AWG</td> </tr> <tr> <td>OPERATING TEMPERATURE</td> <td>–40°C to 105°C (–40°F to 221°F)</td> </tr> <tr> <td>PROTECTION CLASS</td> <td>MEETS NEMA 1,3,4,6P AND IEC IP67</td> </tr> </tbody> </table> | CONTACT CARRIER MATERIAL | NYLON OR TPU | MOLDED HEAD MATERIAL/COLOR | TPU/TRANSLUCENT BLK (J1), YEL (P1) | CONTACT MATERIAL/PLATING | BRASS/SILVER (J1), BRASS/GOLD (P1) | COUPLING NUT MATERIAL/PLATING (P1) | BRASS/NICKEL | RATED CURRENT [A] | 4.0 A | RATED VOLTAGE [V] | 110–220 VAC/VDC | OUTER JACKET MATERIAL/COLOR | PVC/GRAY | CONDUCTOR INSULATION MATERIAL | PVC | NUMER OF CONDUCTORS [AWG] | 3x18 AWG | OPERATING TEMPERATURE | –40°C to 105°C (–40°F to 221°F) | PROTECTION CLASS | MEETS NEMA 1,3,4,6P AND IEC IP67 |
| CONTACT CARRIER MATERIAL                                                                                                                    | NYLON OR TPU                                                                     |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| MOLDED HEAD MATERIAL/COLOR                                                                                                                  | TPU/TRANSLUCENT BLK (J1), YEL (P1)                                               |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| CONTACT MATERIAL/PLATING                                                                                                                    | BRASS/SILVER (J1), BRASS/GOLD (P1)                                               |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| COUPLING NUT MATERIAL/PLATING (P1)                                                                                                          | BRASS/NICKEL                                                                     |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| RATED CURRENT [A]                                                                                                                           | 4.0 A                                                                            |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| RATED VOLTAGE [V]                                                                                                                           | 110–220 VAC/VDC                                                                  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| OUTER JACKET MATERIAL/COLOR                                                                                                                 | PVC/GRAY                                                                         |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| CONDUCTOR INSULATION MATERIAL                                                                                                               | PVC                                                                              |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| NUMER OF CONDUCTORS [AWG]                                                                                                                   | 3x18 AWG                                                                         |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| OPERATING TEMPERATURE                                                                                                                       | –40°C to 105°C (–40°F to 221°F)                                                  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |
| PROTECTION CLASS                                                                                                                            | MEETS NEMA 1,3,4,6P AND IEC IP67                                                 |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |              |                            |                                    |                          |                                    |                                    |              |                   |       |                   |                 |                             |          |                               |     |                           |          |                       |                                 |                  |                                  |



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



|                                    |                                    |
|------------------------------------|------------------------------------|
| CONTACT CARRIER MATERIAL           | NYLON OR TPU                       |
| MOLDED HEAD MATERIAL/COLOR         | TPU/TRANSLUCENT BLK (J1), YEL (P1) |
| CONTACT MATERIAL/PLATING           | BRASS/SILVER (J1), BRASS/GOLD (P1) |
| COUPLING NUT MATERIAL/PLATING (P1) | BRASS/NICKEL                       |
| RATED CURRENT [A]                  | 4.0 A                              |
| RATED VOLTAGE [V]                  | 110–220 VAC/VDC                    |
| OUTER JACKET MATERIAL/COLOR        | PVC/GRAY                           |
| CONDUCTOR INSULATION MATERIAL      | PVC                                |
| NUMBER OF CONDUCTORS [AWG]         | 3x18 AWG                           |
| OPERATING TEMPERATURE              | –40°C to 105°C (–40°F to 221°F)    |
| PROTECTION CLASS                   | MEETS NEMA 1,3,4,6P AND IEC IP67   |



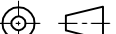
| CABLE LENGTH | TOLERANCE *                                                                 |
|--------------|-----------------------------------------------------------------------------|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH | 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**

**SOURCE DRAWING – FOR REFERENCE ONLY**

NOTES:

1. "\*" DESIGNATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

|                      |  |                                                                                                           |  |                                                                                                                            |  |                                                                                       |  |                                                                                                                                                        |  |
|----------------------|--|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|
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| 1.<br>2.<br>3.<br>4. |  |                      |  |                                                                                                                            |  |                                                                                       |  |                                                                                                                                                        |  |
| MATERIAL             |  | DRFT NF                                                                                                   |  | DATE 07/22/15                                                                                                              |  | DESCRIPTION<br>TIS 2-E653-*M-RYM 30                                                   |  |                                                                                                                                                        |  |
| SEE SPECIFICATIONS   |  | APVD T.S.                                                                                                 |  | SCALE 1=1.3                                                                                                                |  |                                                                                       |  |                                                                                                                                                        |  |
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| SEE SPECIFICATIONS   |  |                                                                                                           |  |                                                                                                                            |  |                                                                                       |  |                                                                                                                                                        |  |
|                      |  |                                                                                                           |  |                                                                                                                            |  | FILE: 777035793                                                                       |  | SHEET 1 OF 1                                                                                                                                           |  |

|     |                 |    |          |         |
|-----|-----------------|----|----------|---------|
| A   | DRAWING RELEASE | NF | 07/29/15 |         |
| REV | DESCRIPTION     | BY | DATE     | ECO NO. |