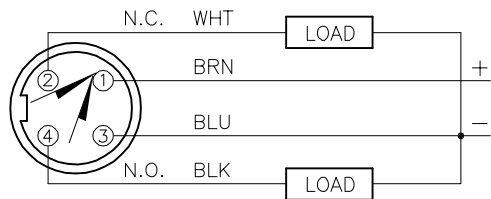


### WIRING DIAGRAM

OUTPUT: VP4X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



OUTPUT: VP4X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

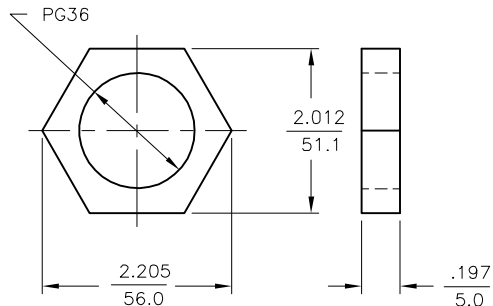
LOCKNUT LN-PG36

PG36

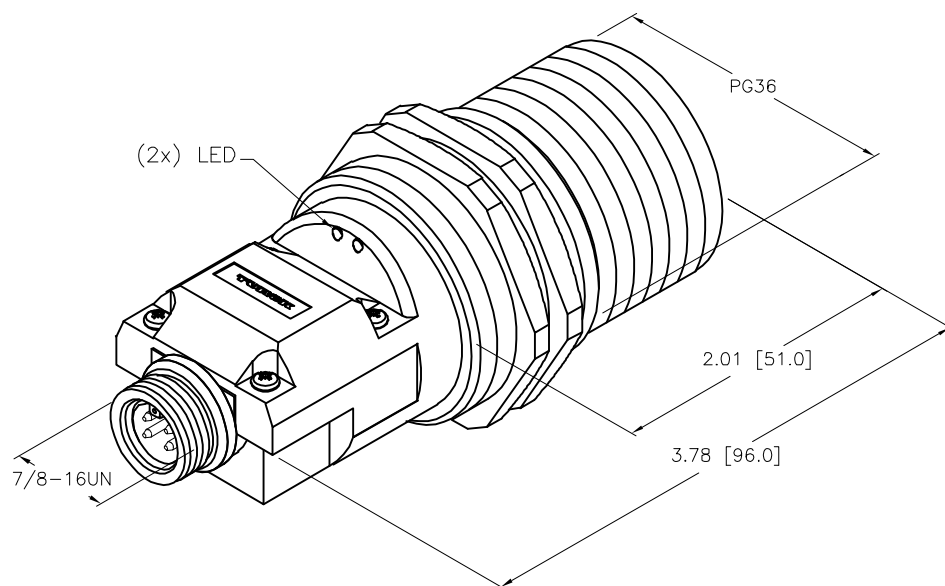
2.012  
51.1

2.205  
56.0

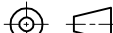
.197  
5.0



| SPECIFICATIONS                    |                                              |
|-----------------------------------|----------------------------------------------|
| RATED OPERATING DISTANCE          | 25 mm = 0.984"                               |
| MOUNTING MODE                     | FLUSH                                        |
| TEMPERATURE DRIFT                 | $\leq \pm 10\%$                              |
| HYSTERESIS                        | 3-15%                                        |
| MIN. REPEAT ACCURACY              | $\leq 2\%$                                   |
| OPERATING TEMPERATURE             | -25°C to +70°C (-13°F to +158°F)             |
| RATED OPERATIONAL VOLTAGE (AC/DC) | 10-65 VDC                                    |
| RATED OPERATIONAL CURRENT (DC)    | $\leq 200$ mA DC                             |
| RESIDUAL CURRENT                  | $\leq 0.1$ mA                                |
| RATED INSULATION VOLTAGE          | $\leq 0.5$ kV                                |
| VOLTAGE DROP                      | $\leq 1.8$ V                                 |
| OUTPUT FUNCTION                   | 4-WIRE, COMPLEMENTARY CONTACT, PNP           |
| SWITCHING FREQUENCY               | $\leq 0.1$ kHz                               |
| HOUSING MATERIAL/PLATING          | COPPER/CHROME                                |
| ACTIVE FACE                       | PLASTIC, PA12-GF30                           |
| VIBRATION RESISTANCE              | <55 Hz, <1 mm AMPLITUDE<br>(IN ALL 3 PLANES) |
| SHOCK RESISTANCE                  | <30 g, <11 ms                                |
| DEGREE OF PROTECTION              | IP67                                         |
| SWITCHING STATUS INDICATION       | LED: YELLOW                                  |



**SOURCE DRAWING - FOR REFERENCE ONLY**

|                                                           |                                                                                                                          |                                                                                       |                                                                                                                                              |                                                                                       |                                                                                                                      |  |              |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--|--------------|
| RELATED DOCUMENTS<br><br>1.<br><br>2.<br><br>3.<br><br>4. | 3RD ANGLE<br>PROJECTION                                                                                                  |  | THIS DRAWING IS<br>CONFIDENTIAL AND THE<br>PROPERTY OF TURCK<br>INC. USE OF THIS<br>DOCUMENT WITHOUT<br>WRITTEN PERMISSION IS<br>PROHIBITED. |  | 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 |  |              |
|                                                           |                                                                                                                          |                                                                                       |                                                                                                                                              |                                                                                       |                                                                                                                      |  |              |
| MATERIAL<br>SEE SPECIFICATIONS                            | ALL DIMENSIONS<br>DISPLAYED ON THIS<br>DRAWING ARE FOR<br>REFERENCE ONLY<br><br>CONTACT TURCK<br>FOR MORE<br>INFORMATION | DRFT RDS                                                                              | DATE 07/20/21                                                                                                                                | DESCRIPTION<br>BI25-G47SR-VP4X2-B1141                                                 |                                                                                                                      |  |              |
| FINISH                                                    |                                                                                                                          | APVD A.F.                                                                             | SCALE 1=1.3                                                                                                                                  |                                                                                       |                                                                                                                      |  |              |
|                                                           |                                                                                                                          | UNIT OF MEASUREMENT<br><br>INCH [ MILLIMETER ]<br><br>DO NOT SCALE THIS DRAWING       |                                                                                                                                              |                                                                                       | IDENTIFICATION NO.<br><br>1564891                                                                                    |  | REV<br><br>A |
|                                                           |                                                                                                                          |                                                                                       |                                                                                                                                              |                                                                                       | FILE: 1564891                                                                                                        |  | SHEET 1 OF 1 |

|     |                 |     |          |         |
|-----|-----------------|-----|----------|---------|
| A   | DRAWING RELEASE | RDS | 07/20/21 |         |
| REV | DESCRIPTION     | BY  | DATE     | ECO NO. |