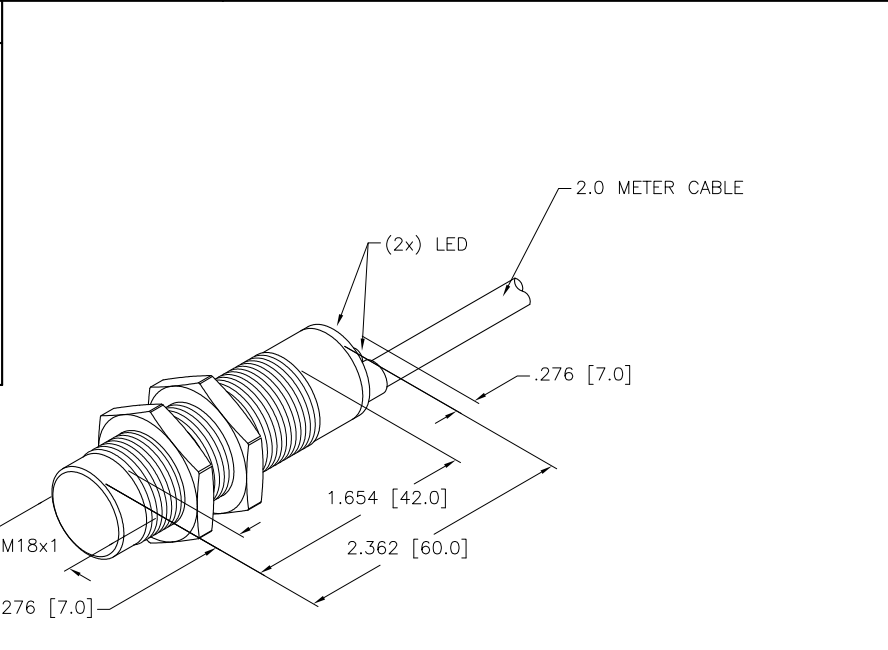
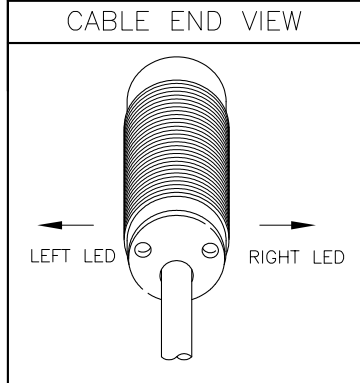


SPECIFICATIONS

| | |
|-----------------------------|----------------------------------|
| RATED OPERATING DISTANCE | 4mm [.158] |
| MOUNTING MODE | NON-FLUSH |
| TEMPERATURE DRIFT | ≤±10% |
| HYSTERESIS | 3-15% |
| MIN. REPEAT ACCURACY | ≤2% |
| OPERATING TEMPERATURE | -25°C to +70°C (-13°F to +158°F) |
| RATED OPERATIONAL VOLTAGE | 10-30 VDC |
| MAX. RIPPLE | ≤10% |
| RATED OPERATIONAL CURRENT | ≤200 mA |
| NO-LOAD CURRENT | ≤15 mA |
| MAX. OFF-STATE CURRENT | ≤0.1 mA |
| RATED INSULATION VOLTAGE | ≤0.5 kV |
| SHORT-CIRCUIT PROTECTION | YES |
| MAX. VOLTAGE DROP | ≤1.8 V |
| WIRE BREAKAGE PROTECTION | INCORPORATED |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| OUTPUT FUNCTION | 4-WIRE, NORMALLY OPEN, PNP |
| MAX. SWITCHING FREQUENCY | ≤0.7 kHz |
| HOUSING MATERIAL | BRASS, CHROME PLATED |
| ACTIVE FACE MATERIAL | PLASTIC, PPO |
| END CAP MATERIAL | PLASTIC, PA12-GF30 |
| CABLE | ø5.2, LiYY, TPU |
| VIBRATION RESISTANCE | 55 Hz (IN ALL 3 PLANES) |
| SHOCK RESISTANCE | 30 g, 11 ms |
| DEGREE OF PROTECTION | IP 67 |
| SWITCHING STATUS INDICATION | LED, YELLOW (2x) |



SOURCE DRAWING - FOR REFERENCE ONLY

- NOTES:
1. "/S90" DESIGNATES TPU JACKETED CABLE.
 2. "/S1123" DESIGNATES MONITORING BOTH DIRECTIONS OF ROTATION

| | | | | | |
|---|------------------------------------|---|---------------------|---|--|
| RELATED DOCUMENTS 1. 2. 3. 4. | 3RD ANGLE PROJECTION | THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. | | TURCK INC <i>High Technology Sensors and Automation Controls</i> 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com | |
| | MATERIAL | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | DRFT RDS DSGN AF | DATE 02/19/08 SCALE 1=1.3 | DESCRIPTION NI 4-M18-2AP6X2/S90-S1123 |
| FINISH | CONTACT TURCK FOR MORE INFORMATION | UNIT OF MEASUREMENT INCH [MILLIMETER] | | IDENTIFICATION NO. M4611234 | REV B |
| DO NOT SCALE THIS DRAWING | | FILE: M4611234 | | SHEET 1 OF 1 | |

| | | | | |
|-----|--|-----|----------|---------|
| B | DRAWING PROCESSED AS PART OF ECO 33971 | CBM | 04/06/11 | 33971 |
| REV | DESCRIPTION | BY | DATE | ECO NO. |