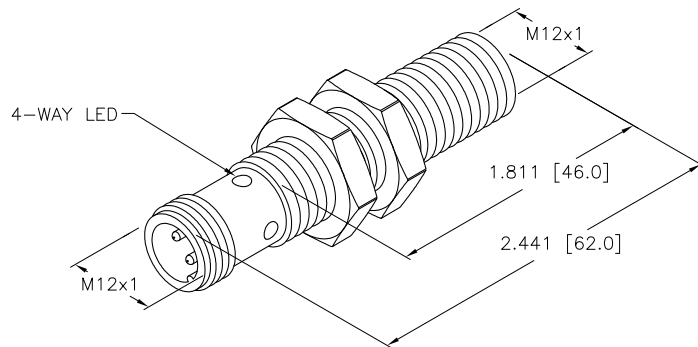


| SPECIFICATIONS | |
|------------------------------|--|
| RATED OPERATING DISTANCE | 4mm = 0.157" |
| HYSTERESIS | 3-15% |
| TEMPERATURE DRIFT | ≤±10% |
| MIN. REPEAT ACCURACY | ≤ 2% |
| OPERATING TEMPERATURE | -25°C to +70°C (-13°F to +158°F) |
| RATED OPERATIONAL VOLTAGE | 10-30 VDC |
| RESIDUAL RIPPLE | ≤10% |
| DC RATED OPERATIONAL CURRENT | ≤ 200 mA |
| NO-LOAD CURRENT | ≤ 15 mA |
| RESIDUAL CURRENT | ≤ 0.1 mA |
| MAX. SWITCHING FREQUENCY | ≤ 2.0 kHz |
| RATED INSULATION VOLTAGE | ≤ 0.5 kV |
| SHORT-CIRCUIT PROTECTED | YES |
| MAX. VOLTAGE DROP | ≤ 1.8 V |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| WIRE-BREAK PROTECTION | INCORPORATED |
| OUTPUT FUNCTION | NORMALLY OPEN, 3-WIRE, PNP |
| HOUSING MATERIAL | METAL, BRASS/CHROME-PLATED |
| ACTIVE FACE | PLASTIC, PA12-GF30 |
| CONNECTION | M12x1 |
| SHOCK | 30 g, 11 ms |
| VIBRATION | 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES) |
| DEGREE OF PROTECTION | IP67 |
| SWITCHING STATUS INDICATION | LED: YELLOW |



SOURCE DRAWING - FOR REFERENCE ONLY

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|-------------------|--|---|------------------------------------|---|-----|---|----------|
| RELATED DOCUMENTS | | 3RD ANGLE PROJECTION | | THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. | | 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com | |
| 1. | | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | CONTACT TURCK FOR MORE INFORMATION | DRFT | RDS | DATE | 02/29/08 |
| 2. | | | | DSGN | | SCALE | 1=1.0 |
| 3. | | UNIT OF MEASUREMENT | | DESCRIPTION | | BI 4-M12E-AP6X-H1141 | |
| 4. | | INCH [MILLIMETER] | | IDENTIFICATION NO. | | T4608030 | |
| MATERIAL | | SEE NOTES | | DO NOT SCALE THIS DRAWING | | REV A | |
| FINISH | | SEE NOTES | | FILE: T4608030 | | SHEET 1 OF 1 | |

| | | | | |
|-----|-----------------|-----|----------|---------|
| A | DRAWING RELEASE | RDS | 02/29/08 | |
| REV | DESCRIPTION | BY | DATE | ECO NO. |