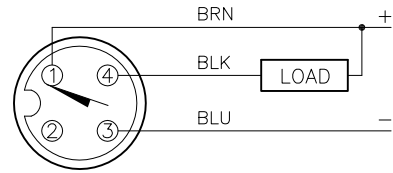
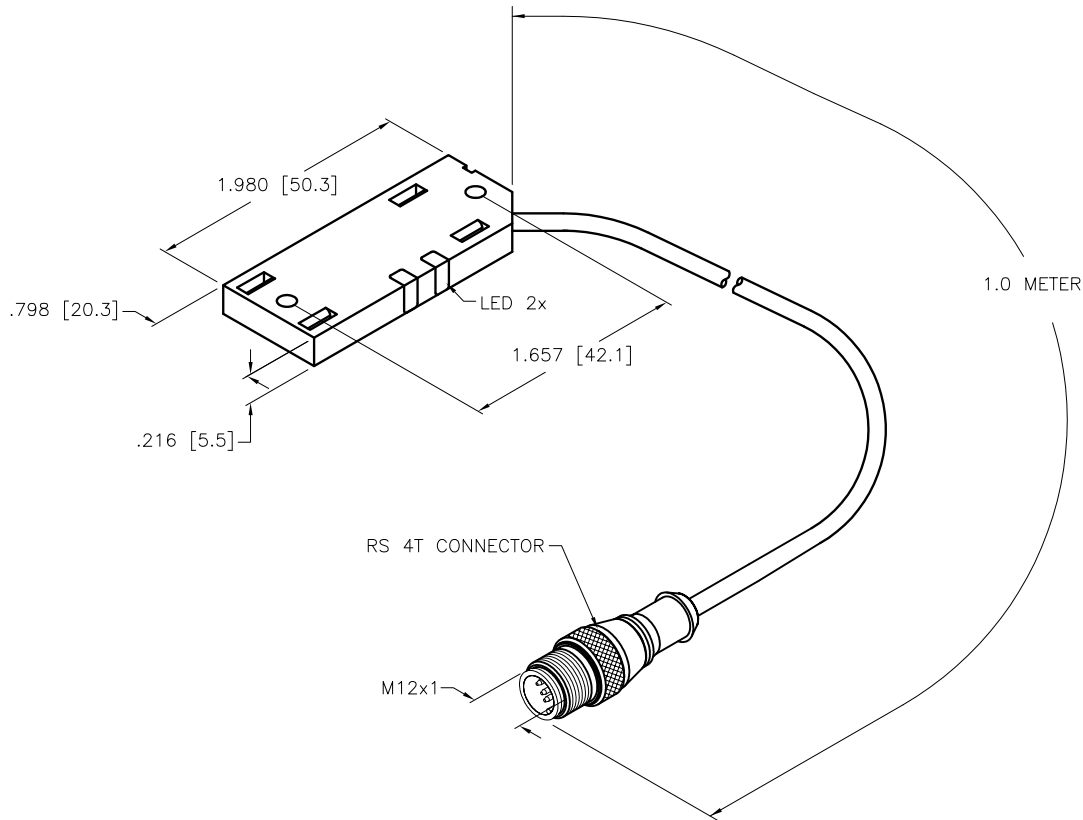


WIRING DIAGRAM



OUTPUT: AN6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

| | |
|------------------------------|--|
| RATED OPERATING DISTANCE | 10 mm = .394" |
| TEMPERATURE DRIFT | ≤ ±20% |
| HYSTERESIS | 2-20% |
| 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 | ≤ 0.1 kHz |
| RATED INSULATION VOLTAGE | ≤ 0.5 kV |
| OUTPUT FUNCTION | NORMALLY OPEN, NPN |
| SHORT-CIRCUIT PROTECTED | YES |
| MAX. VOLTAGE DROP | ≤ 1.8 V |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| WIRE-BREAK PROTECTION | INCORPORATED |
| HOUSING MATERIAL | PLASTIC, PP |
| ACTIVE FACE | PLASTIC, PP |
| CABLE | ∅3.0, TPU |
| SHOCK | 30 g, 11 ms |
| VIBRATION | 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES) |
| DEGREE OF PROTECTION | IP67 |
| OPERATING VOLTAGE DISPLAY | LED: GREEN |
| SWITCHING STATUS INDICATION | LED: YELLOW |

SOURCE DRAWING - FOR REFERENCE ONLY

| | | | | | | | |
|---------------------------|--|----------------------------|---|--|------|--|----------|
| RELATED DOCUMENTS | | 3RD ANGLE PROJECTION | | THIS DRAWING IS CONFIDENTIAL AND THE 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 www.turck.us | |
| 1. | | | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | DRFT | RDS | DATE | 05/20/14 |
| 2. | | | | APVD | K.H. | SCALE | 1=1.5 |
| 3. | | UNIT OF MEASUREMENT | | | | DESCRIPTION | |
| 4. | | INCH [MILLIMETER] | | | | BC10-QF5.5-AN6X2-1-RS4T | |
| MATERIAL | | FINISH | | CONTACT TURCK FOR MORE INFORMATION | | IDENTIFICATION NO. | |
| | | | | | | 26201211 | |
| DO NOT SCALE THIS DRAWING | | FILE: 26201211 | | SHEET 1 OF 1 | | REV B | |

| | | | | |
|-----|--|-----|----------|---------|
| B | UPDATE ID NUMBER PER HARMONIZATION PROJECT | CBM | 12/20/17 | |
| REV | DESCRIPTION | BY | DATE | ECO NO. |