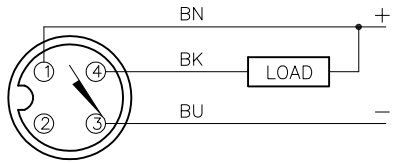
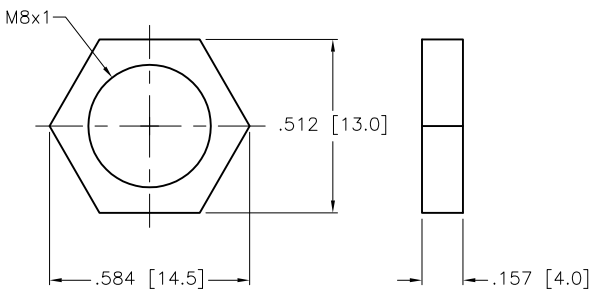
## WIRING DIAGRAM

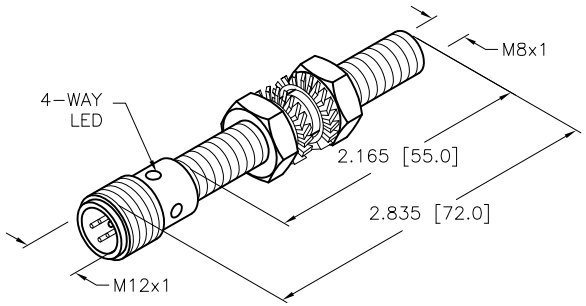



OUTPUT: AN6X

SHORT–CIRCUIT AND OVERLOAD PROTECTED

## LOCKNUT LN–SS08




## SPECIFICATIONS

| | |
|---|---|
| OPERATING VOLTAGE | 10–30 VDC |
| RIPPLE | ≤10% |
| DIFFERENTIAL TRAVEL (HYSTERESIS) | 1–15% (5% TYPICAL) |
| VOLTAGE DROP ACROSS CONDUCTING SENSOR | ≤1.8 V at 150 mA |
| OUTPUT FUNCTION | NORMALLY OPEN<br>3–WIRE DC SELF–CONTAINED |
| TTL COMPATIBLE | NO |
| SHORT–CIRCUIT PROTECTED | YES |
| TRIGGER CURRENT FOR OVERLOAD PROTECTION | ≥170 mA |
| CONTINUOUS LOAD CURRENT | ≤150 mA |
| LEAKAGE (OFF–STATE) CURRENT | <10 μA |
| NO–LOAD CURRENT | 5.5–9.5 mA |
| TIME DELAY BEFORE AVAILABILITY | ≤8 ms |
| POWER–ON EFFECT PROTECTION | INCORPORATED |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| WIRE–BREAK PROTECTION | INCORPORATED |
| PROTECTION AGAINST TRANSIENTS | 1 kV, 0.1 ms, 1kΩ |
| OPERATING TEMPERATURE | –25°C to +70°C (–13°F to +158°F) |
| ENCLOSURE | MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67 |
| SHOCK | 30 g, 11 ms |
| VIBRATION | 55 Hz, 1 mm AMPLITUDE<br>(IN ALL 3 PLANES) |
| LED FUNCTION | YELLOW: OUTPUT ENERGIZED |
| RATED OPERATING DISTANCE(Sn) | 2 mm = .079" (NOMINAL) |
| SWITCHING FREQUENCY | 3000 Hz |
| REPEATABILITY | ≤2% OF RATED OPERATING DISTANCE |
| SHIELDED | YES |
| MATING PLUGS/CABLES | 4–PIN "EUROFAST" CONSTRUCTION |

**SOURCE DRAWING - FOR REFERENCE ONLY**

| REV | DESCRIPTION | BY | DATE | ECO NO. |
|---|---|---|---|---|
| E | UPDATE ID NUMBER PER HARMONIZATION PROJECT | CBM | 01/30/18 | |

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL
STAINLESS STEEL
BARREL

FINISH
CHROME PLATED BRASS
CONNECTOR

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT GMB | DATE 01/16/89
APVD | SCALE 1=2.0

UNIT OF MEASUREMENT
**INCH [ MILLIMETER ]**

DO NOT SCALE THIS DRAWING

DESCRIPTION
BI2–G08–AN6X–H1341

IDENTIFICATION NO. 46026 | REV E

FILE: 46026 | SHEET 1 OF 1