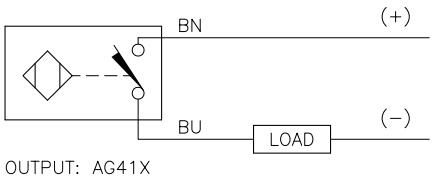
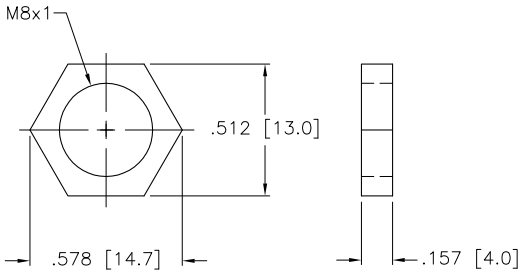
WIRING DIAGRAM



OUTPUT: AG41X

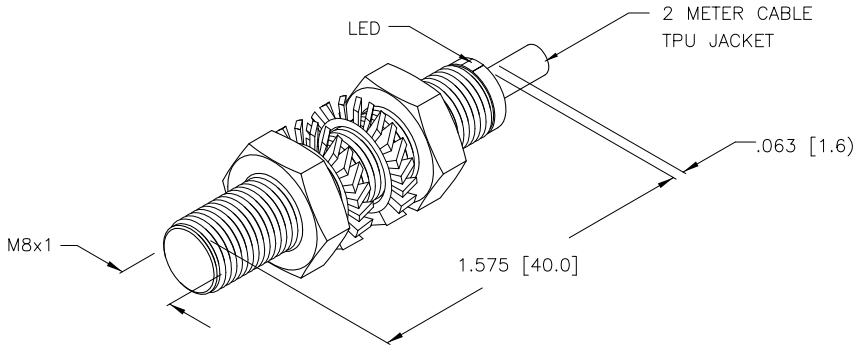
SHORT−CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN−SS08



SPECIFICATIONS

RATED OPERATING DISTANCE(Sn)	2 mm = .079" (NOMINAL)
MOUNTING MODE	FLUSH
DIFFERENTIAL TRAVEL (HYSTERESIS)	1−15% (5% TYPICAL)
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
OPERATING TEMPERATURE	−25°C to +70°C (−13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10−55 VDC
RIPPLE	≤10%
RATED OPERATIONAL CURRENT	≤ 100 mA
MAX. OFF STATE (LEAKAGE) CURRENT	≤ 0.6 mA
MAX. SWITCHING FREQUENCY	≤ 1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT−CIRCUIT PROTECTED	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 3.5 V
CABLE	ø4, LifYY, PVC, 2 METERS
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
ENCLOSURE	IEC IP67
SWITCHING STATUS INDICATION	LED: YELLOW
OUTPUT FUNCTION	2−WIRE, NORMALLY OPEN



NOTES:

1. MATERIALS:
   BARREL − METAL, A2 1.4301 (AISI 304)
   LOCKNUTS − STAINLESS STEEL
   LOCKWASHERS − STAINLESS STEEL
   SENSING FACE − PA12−GF20 PLASTIC

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

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

MATERIAL: SEE NOTES

FINISH: SEE NOTES

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: RDS | DATE: 12/29/03
DSGN: BT | SCALE: 1=1.5

UNIT OF MEASUREMENT
INCH [MILLIMETER]
DO NOT SCALE THIS DRAWING

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DESCRIPTION: Bi 2−EG08−AG41X

IDENTIFICATION NO.: S4562000 | REV: B

FILE: S4562000 | SHEET 1 OF 1