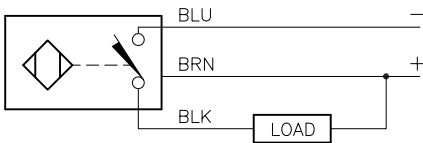
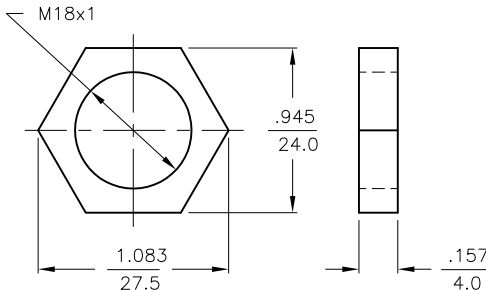
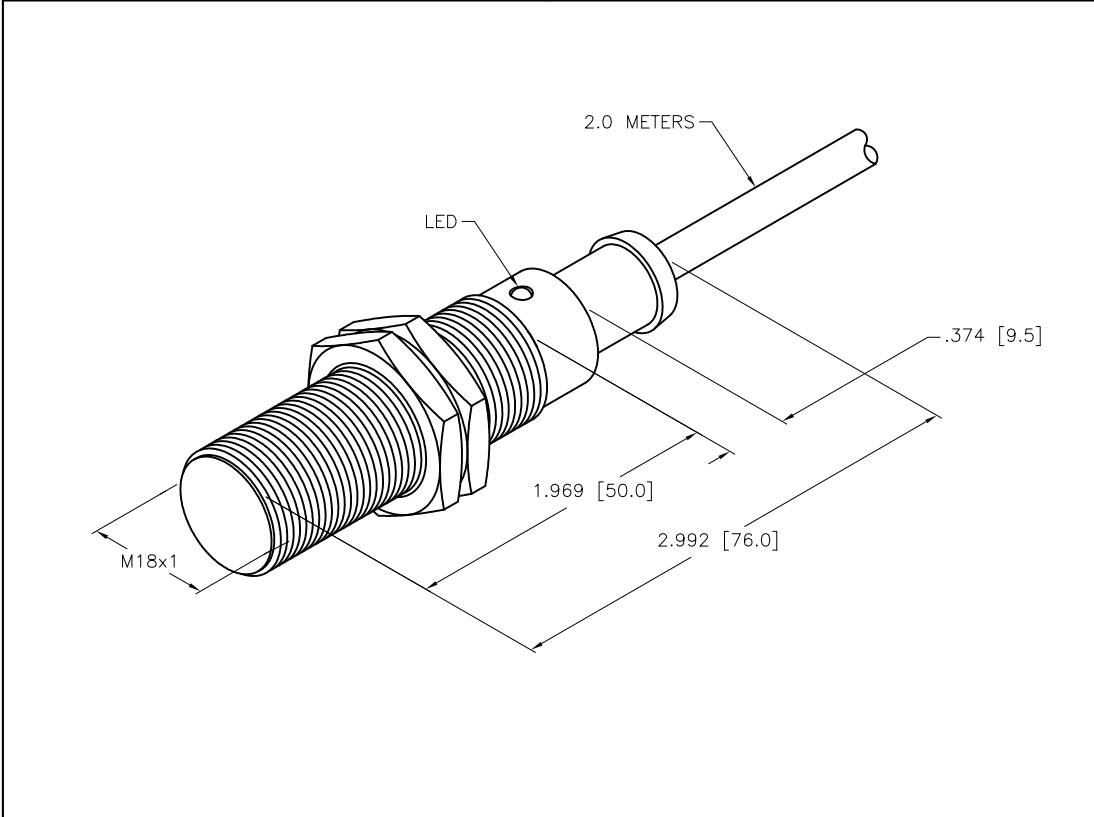


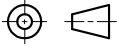
WIRING DIAGRAM	LOCKNUT LN-M18	SPECIFICATIONS		
 <p>OUTPUT: AN6X</p>		OPERATING VOLTAGE	10-30 VDC	
		RESIDUAL RIPPLE	≤ 10%	
SHORT-CIRCUIT AND OVERLOAD PROTECTED		HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15% (5% TYPICAL)	
		VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA	
		OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED	
		TTL COMPATIBLE	NO	
		SHORT-CIRCUIT PROTECTED	YES	
		TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA	
		CONTINUOUS LOAD CURRENT	≤ 200 mA	



RESIDUAL CURRENT	<10 uA
NO-LOAD CURRENT	5.5-9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
POLARITY INVERSION PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	2 kV, 1 ms, 1 kΩ
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 (IN ALL 3 PLANES)
LED FUNCTION	RED: OUTPUT ENERGIZED
SENSING RANGE	8 mm = .315" (NOMINAL)
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
SHIELDED	YES

NOTES:
1. "/S1751" DESIGNATES SENSOR WITH FM APPROVAL FOR CLASS I DIV 2 USE.

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION


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MATERIAL
BRASS BARREL

FINISH
COPPER/NICKEL CHROME PLATING

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT RWC
APVD JM

DATE 08/18/10
SCALE 1=1.0

UNIT OF MEASUREMENT
INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

DESCRIPTION
B18-M18T-AN6X/S1751

IDENTIFICATION NO.
4616186

REV
D

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TURCK

D UPDATE ID NUMBER PER HARMONIZATION PROJECT
REV DESCRIPTION

CBM 11/06/17
BY DATE ECO NO.

FILE: 4616186
SHEET 1 OF 1