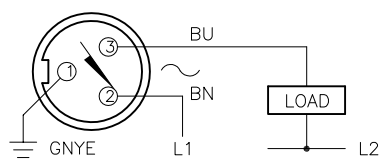
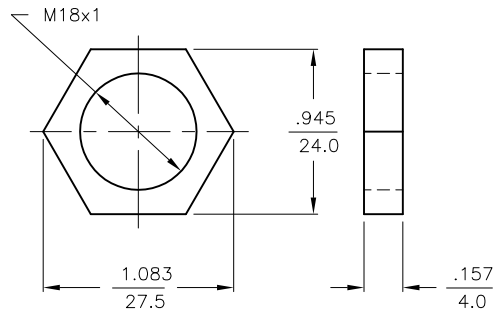
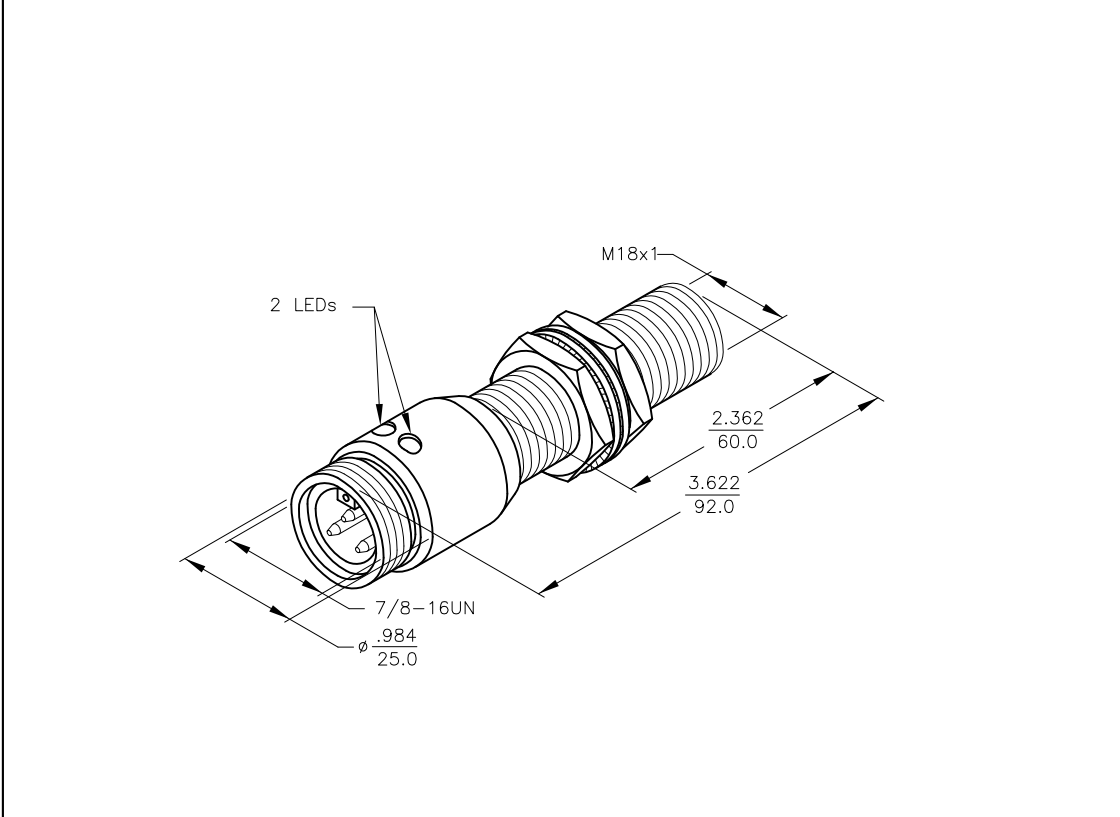


WIRING DIAGRAM	LN-MT18 LOCKNUT	SPECIFICATIONS	
 OUTPUT: ADZ30X2		OPERATING VOLTAGE	20-250 VAC, 10-300 VDC, <400 AC, <300 DC
		LINE FREQUENCY	40-60 Hz
DIFFERENTIAL TRAVEL (HYSTERESIS)		3-15% (5% TYPICAL)	
VOLTAGE DROP ACROSS CONDUCTING SENSOR		≤ 6.0 V at 400 mA	
OUTPUT FUNCTION		NORMALLY OPEN 2-WIRE AC/DC SELF-CONTAINED	
SHORT-CIRCUIT PROTECTED		YES	
TRIGGER CURRENT FOR OVERLOAD PROTECTION		AC: ≥440 mA; DC: ≥ 330 mA	
CONTINUOUS LOAD CURRENT		AC: ≤400 mA; DC: ≤300 mA	
OFF-STATE (LEAKAGE) CURRENT		≤1.7 mA	
MINIMUM LOAD CURRENT		≥3.0 mA	
INRUSH CURRENT		≤4.0 A (20 ms/10% DUTY CYCLE)	
TIME DELAY BEFORE AVAILABILITY		≤60 ms	
POWER-ON EFFECT PROTECTION		INCORPORATED	
PROTECTION AGAINST TRANSIENTS		EN-60947-5-2	
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		GREEN = POWER ON GREEN FLASHING = SHORT-CIRCUIT WARNING RED = OUTPUT ENERGIZED	
RATED OPERATING DISTANCE(S _n)		5 mm = .197" (NOMINAL)	
SWITCHING FREQUENCY		60 Hz	
REPEATABILITY		≤2% of RATED OPERATING DISTANCE	
EMBEDDABLE (SHIELDED)		YES	
MATING PLUGS/CABLES		3-PIN "MINIFAST" CONSTRUCTION	
SHORT-CIRCUIT AND OVERLOAD PROTECTED			



NOTE(S):

- MATERIALS:
PTFE COATED BRASS BARREL.
CHROME PLATED BRASS CONNECTOR.
PTFE COATED BRASS LOCKNUTS. BLACK CHROMATED STEEL LOCKWASHERS. PTFE COATED PA 12-GF30 PLASTIC SENSING FACE.
- "S34" DESIGNATES WELD FIELD IMMUNITY. SENSOR IS SUITABLE FOR USE RESISTANCE WELDING MACHINES.

SOURCE DRAWING - FOR REFERENCE ONLY

NOTE(S):

1. MATERIALS:
PTFE COATED BRASS BARREL.
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2. "S34" DESIGNATES WELD FIELD IMMUNITY. SENSOR IS SUITABLE FOR USE RESISTANCE WELDING MACHINES.

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 turck.com			
1.							ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT INCH [MILLIMETER]		DESCRIPTION Bi 5-GT18-ADZ30X2-B1331 /S34 60 mm	
2.												
3.												
4.												
MATERIAL SEE NOTE 1					CONTACT TURCK FOR MORE INFORMATION		DRFT		SWC		DATE 07/14/94	
FINISH							DSGN		SCALE 1=2.0		IDENTIFICATION NO. T4255291	
D REMOVE TRADEMARKED MATERIAL REFERENCES					DO NOT SCALE THIS DRAWING		FILE: T4255291		SHEET 1 OF 1			
REV DESCRIPTION												