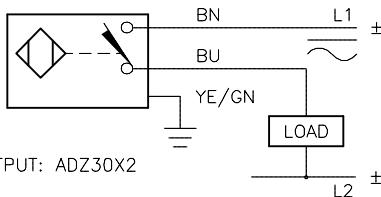
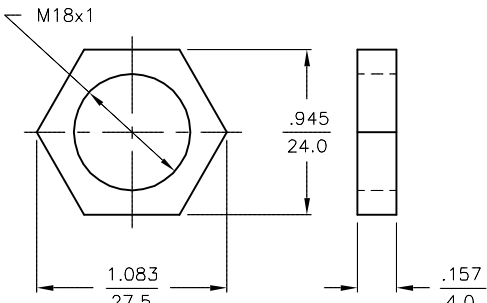
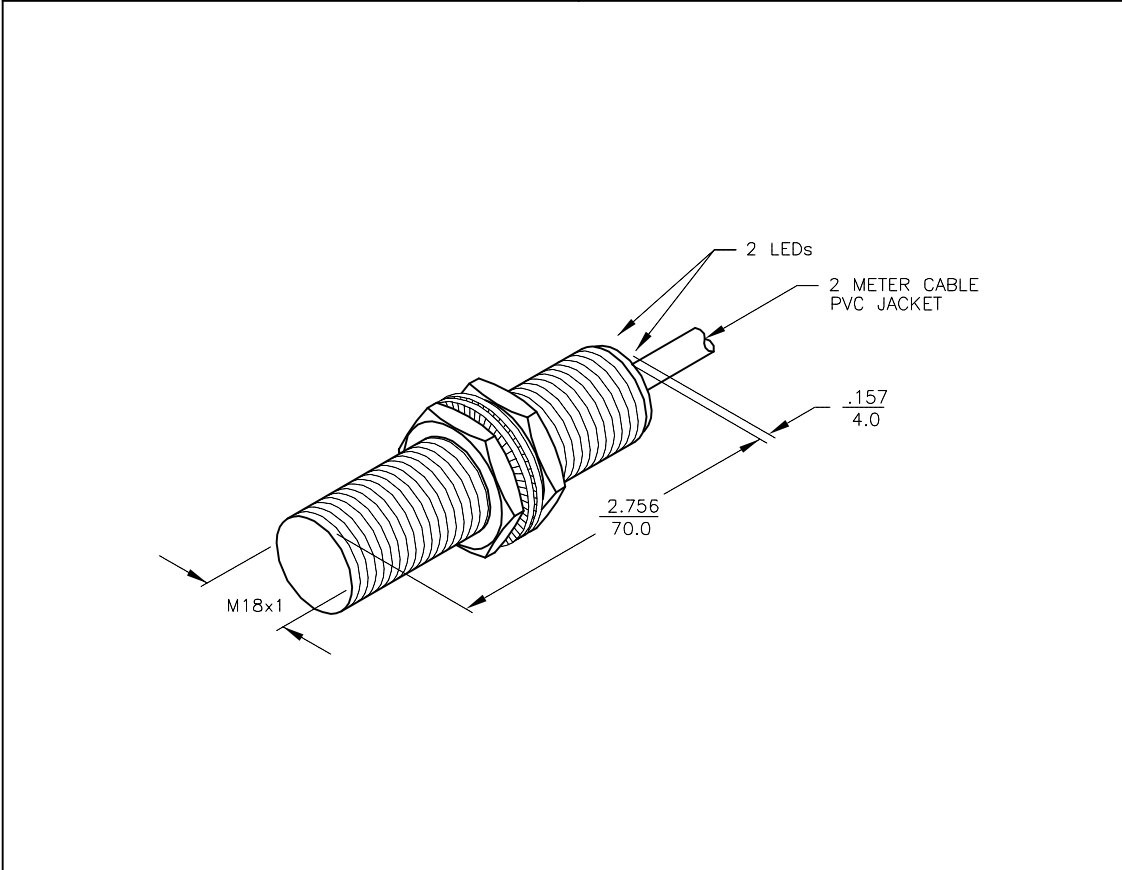


WIRING DIAGRAMS	LOCKNUT LN-MT18	SPECIFICATIONS		
 OUTPUT: ADZ30X2		OPERATING VOLTAGE	20-250 VAC, 10-300 VDC, <400 AC, <300 DC	
		LINE FREQUENCY	40-60 Hz	
SHORT-CIRCUIT AND OVERLOAD PROTECTED		DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)	
		VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 6.0 V at 400 mA	
		OUTPUT FUNCTION - ADZ	NORMALLY OPEN 2-WIRE AC/DC SELF-CONTAINED	
		SHORT-CIRCUIT PROTECTED	YES	
		TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 500 mA	
		CONTINUOUS LOAD CURRENT	≤ 400 mA	
		OFF-STATE (LEAKAGE) CURRENT	≤1.7 mA	



MINIMUM LOAD CURRENT	≥3.0 mA
INRUSH CURRENT	≤3.0 A(≤20 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	≤15 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(Sn)	5 mm = .197" (NOMINAL)
SWITCHING FREQUENCY	150 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES

SOURCE DRAWING - FOR REFERENCE ONLY

NOTE(S):

1. MATERIALS:
PTFE COATED BRASS BARREL.
COATED BRASS LOCKNUTS.
CHROMATED STEEL LOCKWASHERS.
COATED PA 12-GF30 PLASTIC SENSING FACE.

PTFE
SILVER
PTFE

2. S34" DESIGTATES WELD FIELD IMMUNITY SENSOR IS FOR USE ON RESISTANCE WELDING MACHINES.

<u>NOTE(S):</u> 1. MATERIALS: PTFE COATED BRASS BARREL. COATED BRASS LOCKNUTS. CHROMATED STEEL LOCKWASHERS. COATED PA 12-GF30 PLASTIC SENSING FACE. 2. S34" DESIGTATES WELD FIELD IMMUNITY SENSOR IS FOR USE ON RESISTANCE WELDING MACHINES.					PTFE SILVER PTFE		RELATED DOCUMENTS 1. 2. 3. 4.		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 			
SEE NOTE 2					ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT		SWC		DATE		05/16/94		DESCRIPTION BI5-GT18-ADZ30X2/S34 70MM	
							APVD		SCALE		1=2.0					
FINISH					CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT						IDENTIFICATION NO.		REV	
							INCH [MILLIMETER]						4255091		G	
DO NOT SCALE THIS DRAWING					FILE: 4255091						SHEET 1 OF 1					
G		UPDATE DESCRIPTION			RDS		06/20/19		500000000149							
REV		DESCRIPTION			BY		DATE		ECO NO.							