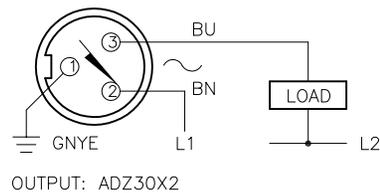
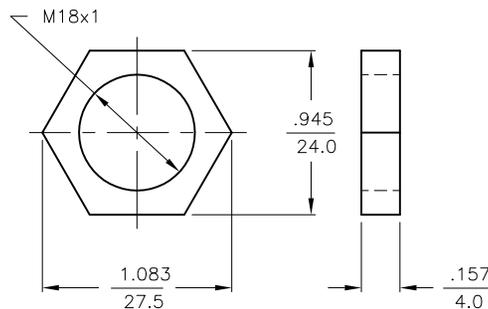


WIRING DIAGRAM



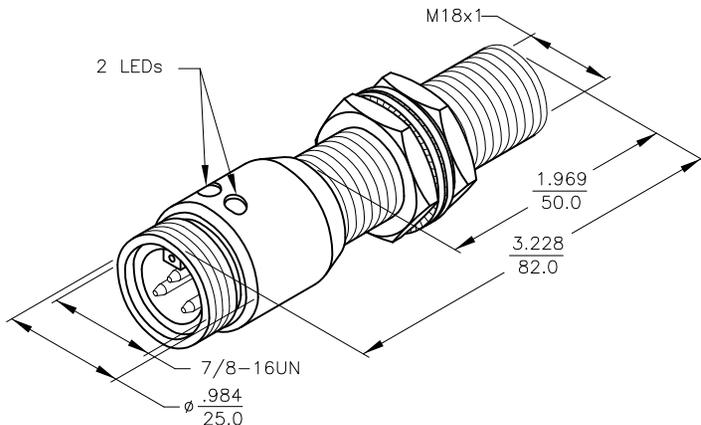
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LN-MT18 LOCKNUT



SPECIFICATIONS

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	30 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES
MATING PLUGS/CABLES	3-PIN "MINIFAST" CONSTRUCTION



NOTE(S):

1. MATERIALS:

- PTFE COATED BRASS BARREL.
- NICKEL-PLATED BRASS CONNECTOR.
- PTFE COATED BRASS LOCKNUTS.
- PTFE COATED PA 12-GF30 PLASTIC SENSING FACE.

SOURCE DRAWING - FOR REFERENCE ONLY

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 turck.com	
	MATERIAL SEE NOTE 1	DRFT RJP	DATE 04/06/93	DESCRIPTION Bi 5-GT18-ADZ30X2-B1331	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DSGN	SCALE 1=2.0	IDENTIFICATION NO. T4255290	
CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]		REV D	
DO NOT SCALE THIS DRAWING		FILE: T4255290		SHEET 1 OF 1	

D	REMOVE TRADEMARKED MATERIAL REFERENCES	CBM	11/16/12	40471
REV	DESCRIPTION	BY	DATE	ECO NO.