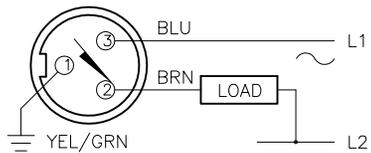


WIRING DIAGRAM

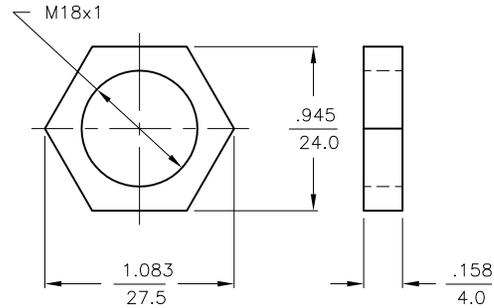
LOCKNUT LN-MT18

SPECIFICATIONS

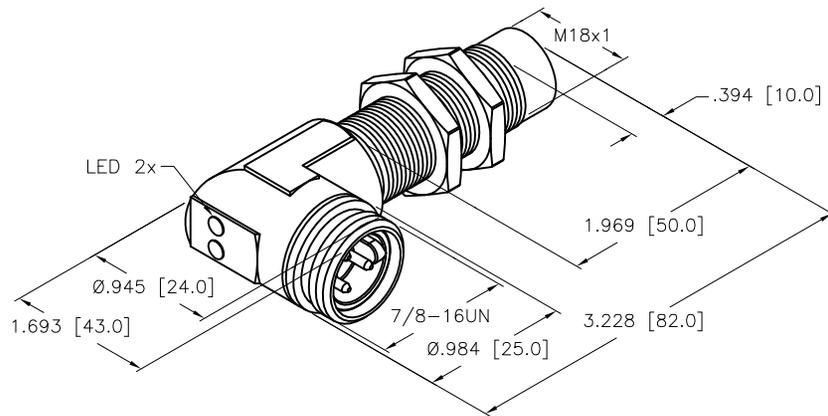


OUTPUT: ADZ30X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



OPERATING VOLTAGE	20-250 VAC, 10-300 VDC, <400 AC, <300 DC
LINE FREQUENCY	40-60 Hz
HYSTERESIS	3-15% (5% TYPICAL)
VOLTAGE DROP	≤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	≥500 mA
CONTINUOUS LOAD CURRENT	≤400 mA
RESIDUAL 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	8mm = .315"
SWITCHING FREQUENCY	60 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO
CONNECTION	7/8-16UN (MINIFAST)



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

2. "/S34" DESIGNATES WELD FIELD IMMUNITY. SENSOR IS SUITABLE FOR USE ON 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 www.turck.us	
1.		DRFT	JBW	DATE	06/13/03
2.		APVD	-	SCALE	1=1.5
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		DESCRIPTION	
4.		INCH [ MILLIMETER ]		N18-GT18-ADZ30X2-B1431/S34	
MATERIAL	SEE NOTES	CONTACT TURCK FOR MORE INFORMATION		IDENTIFICATION NO.	REV
FINISH	SEE NOTES	DO NOT SCALE THIS DRAWING		4208901	E
E UPDATE ID NUMBER PER HARMONIZATION PROJECT		CBM 12/21/17		FILE: 4208901	SHEET 1 OF 1
REV	DESCRIPTION	BY	DATE	ECO NO.	