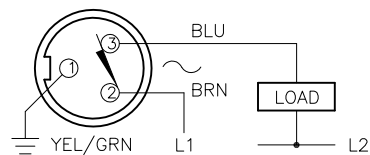


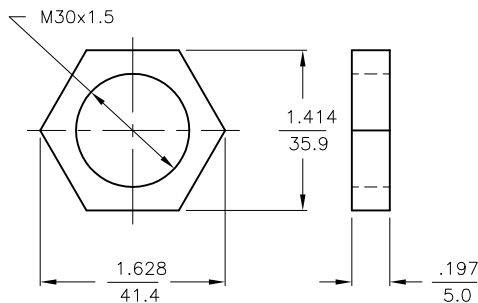
WIRING DIAGRAMS



OUTPUT: RZ3X

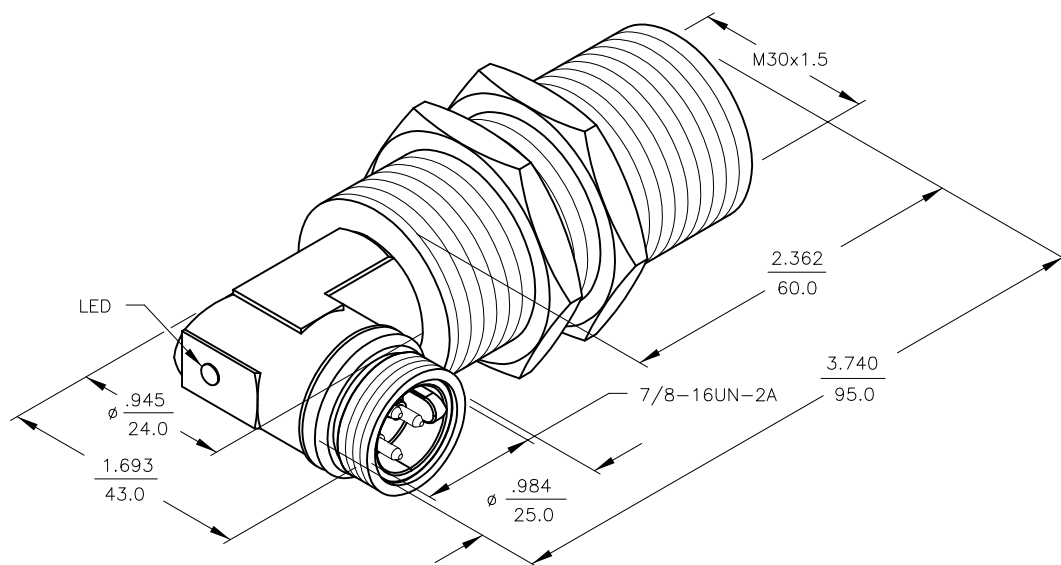
WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-M30



SPECIFICATIONS

OPERATING VOLTAGE	20-250 VAC/10-300 VDC
LINE FREQUENCY	40-60 Hz
HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤7.0 V at 500 mA
OUTPUT FUNCTION -RZ	NORMALLY CLOSED 2-WIRE AC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	NO
CONTINUOUS LOAD CURRENT	≤500 mA
LEAKAGE (OFF-STATE) CURRENT	≤1.7 mA
MINIMUM LOAD CURRENT	≥5.0 mA
INRUSH CURRENT	≤8.0 (≤10 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	≤25 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	5 kV, 10 ms, 10 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	10 mm = .394" (NOMINAL)
SWITCHING FREQUENCY	20 Hz
REPEATABILITY	≤2% RATED OPERATING DISTANCE
SHIELDED	YES



NOTES:

1. PROTECTIVE PTFE CAP AVAILABLE FOR SENSING HEAD.
TURCK PART NO. CAP-30-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.		TURCK 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
	MATERIAL BRASS BARREL	DRFT GMB	DATE 9/28/88	DESCRIPTION B110-G30-RZ3X-B1431	
FINISH COPPER,NICKEL, CHROME PLATING	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD SCALE NONE	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 4373400
ECO NO.	CONTACT TURCK FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING		FILE: 4373400	REV E
UPDATE ID NUMBER PER HARMONIZATION PROJECT	BY	DATE	ECO NO.	SHEET 1 OF 1	