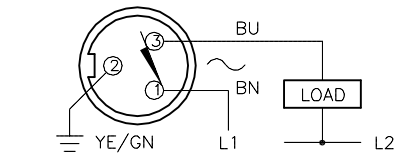


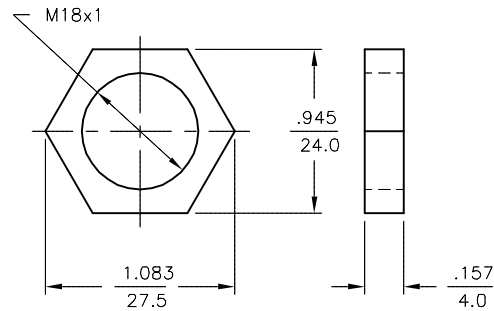
# WIRING DIAGRAMS



OUTPUT: RZ3X

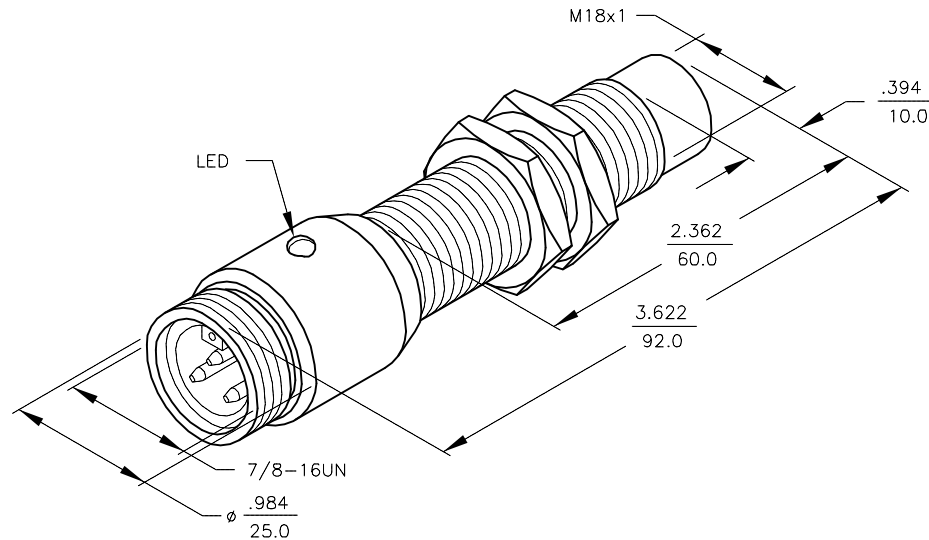
**WARNING: NO SHORT-CIRCUIT PROTECTION.**  
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

# LOCKNUT LN-M18



# SPECIFICATIONS

OPERATING VOLTAGE	20-250 VAC
LINE FREQUENCY	40-60 Hz
DIFFERENTIAL TRAVEL (HYSTERESIS)	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
OFF-STATE (LEAKAGE) CURRENT	≤ 1.7 mA
MINIMUM LOAD CURRENT	≥ 5.0 mA
INRUSH CURRENT	≤ 8.0 A(≤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% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO



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1. 2. 3. 4.									
MATERIAL		DRFT		SMW		DATE		5/6/87	
BRASS BARREL		APVD				SCALE		NONE	
								DESCRIPTION	
								NI10-G18-RZ3X-B1331 60MM	
FINISH		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV	
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				DO NOT SCALE THIS DRAWING		FILE: 4330799		SHEET 1 OF 1	