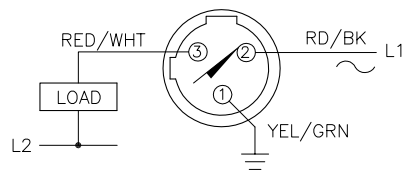
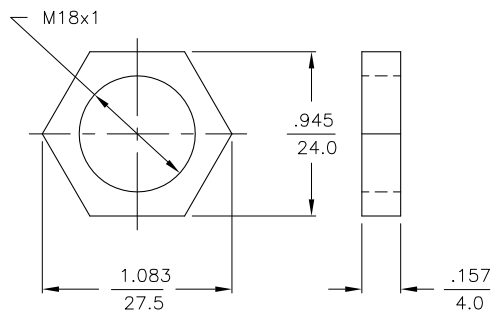


WIRING DIAGRAM



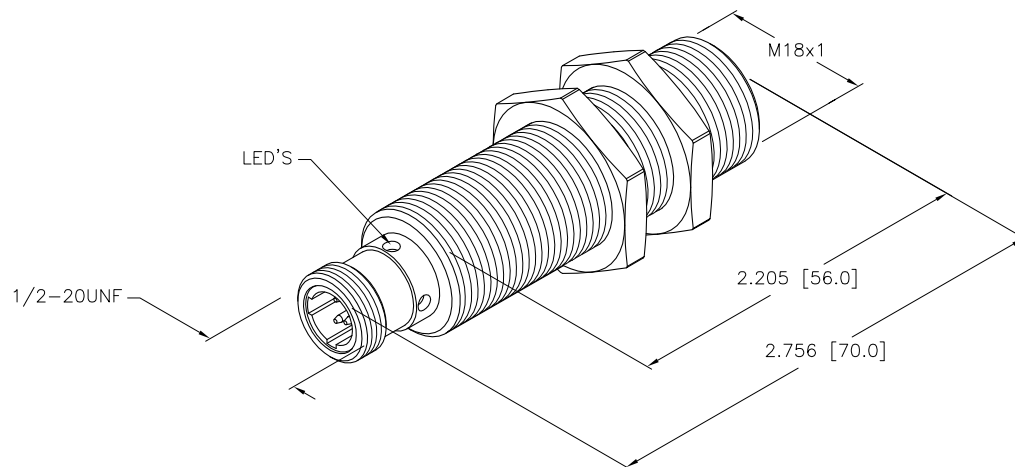
WARNING: NO-SHORT-CIRCUIT PROTECTION.
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-M18

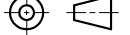


SPECIFICATIONS

RATED OPERATING DISTANCE	5mm = .197"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	$\leq \pm 10\%$
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	$\leq 2\%$
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE (AC/DC)	20-250 VAC/10-300 VDC
MAX. RIPPLE	$\leq 10\%$
RATED OPERATIONAL CURRENT (AC/DC)	≤ 400 mA AC/ ≤ 300 mA DC
FREQUENCY	50-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 3.0 A (≤ 20 ms MAX. 5 Hz)
SHORT-CIRCUIT PROTECTION	YES, LATCHING
MAX. VOLTAGE DROP	≤ 6.0 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
MAX. SWITCHING FREQUENCY	≤ 0.02 kHz
SMALLEST OPERATING CURRENT	≥ 3.0 mA
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN
HOUSING MATERIAL	BRASS, CHROME-PLATED
ACTIVE FACE MATERIAL	PLASTIC, PBT
CONNECTION	1/2-20UNF CONNECTOR
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, RED



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK INC <i>High Technology Sensors and Automation Controls</i> 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com			
MATERIAL SEE SPECS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	GMB	DATE	05/26/89	DESCRIPTION BI 5-G18-AZ3X-B3331	
		DSGN		SCALE	1=1.0		
FINISH	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]			IDENTIFICATION NO. T4372098		REV C
		DO NOT SCALE THIS DRAWING			FILE: T4372098		SHEET 1 OF 1

C	UPDATE BARREL USED, SEE ECO	RDS	05/02/11	34350
REV	DESCRIPTION	BY	DATE	ECO NO.