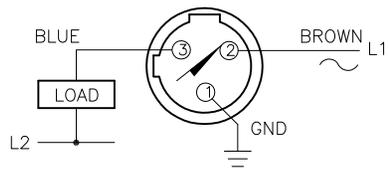
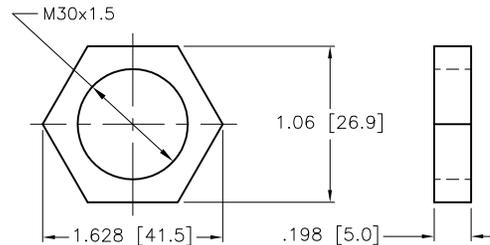


WIRING DIAGRAM



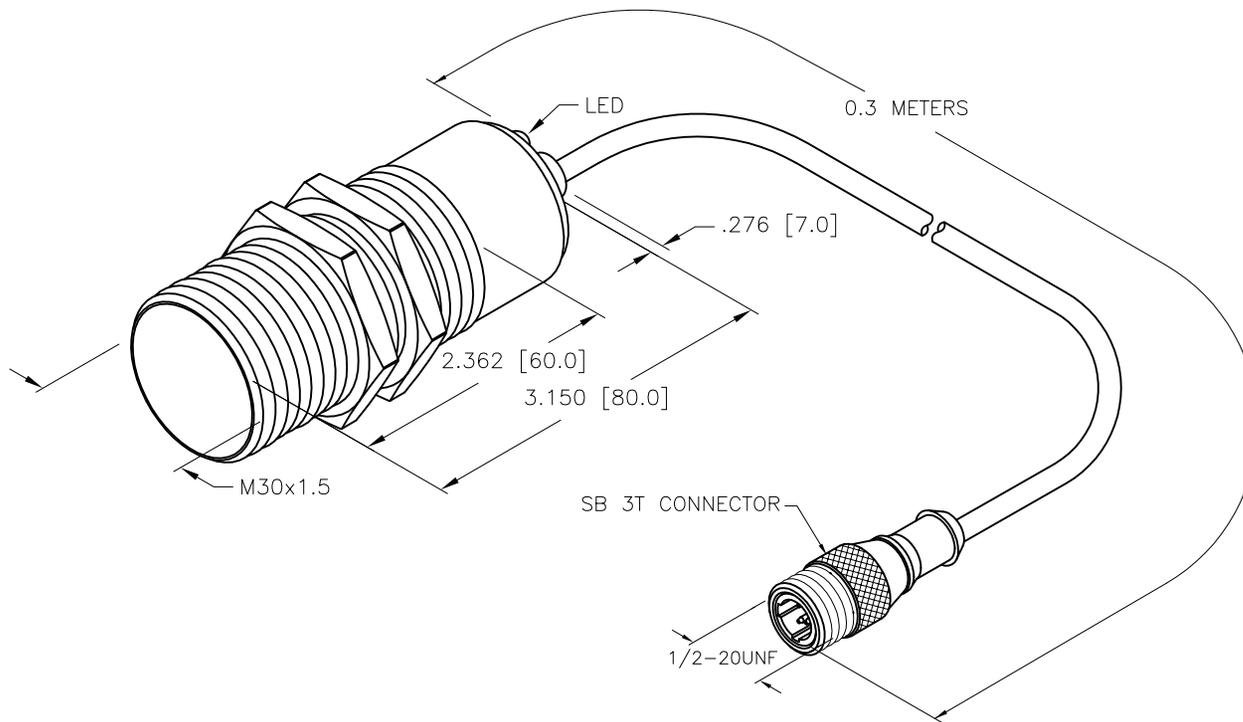
WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-M30



SPECIFICATIONS

RATED OPERATING DISTANCE	10mm [.394"]
MOUNTING MODE	FLUSH
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10% ≤ ± 20%, ≥ +70°C
OPERATING TEMPERATURE	-25°C to +120°C (-13°F to +248°F)
RATED OPERATIONAL VOLTAGE	20-250 VAC
AC RATED OPERATIONAL CURRENT	≤ 400 mA
FREQUENCY	50-60Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 8.0 A (≤ 10ms MAX. 5 Hz.)
MAX. VOLTAGE DROP	≤ 6.0 V
OUTPUT FUNCTION	NORMALLY OPEN, 2-WIRE
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.2 kHz
HOUSING MATERIAL/PLATING	BRASS/CHROME
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, PA12-GF30
CABLE	∅6.0, SILICONE
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67 (SENSOR ONLY)
SWITCHING STATUS INDICATION	LED, YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S120" DESIGNATES MAX. OPERATING TEMPERATURE OF +120°C.

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 www.turck.us	
	MATERIAL	DRFT RDS	DATE 10/26/09	DESCRIPTION B110-M30-AZ3X-0.3M-SB3T/S120	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD	SCALE 1=1.3	IDENTIFICATION NO. 4316481	
C	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17	REV C	
REV	DESCRIPTION	BY	DATE	ECO NO.	DO NOT SCALE THIS DRAWING
				FILE: 4316481	SHEET 1 OF 1