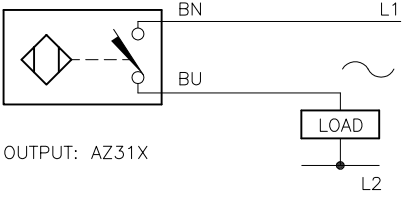
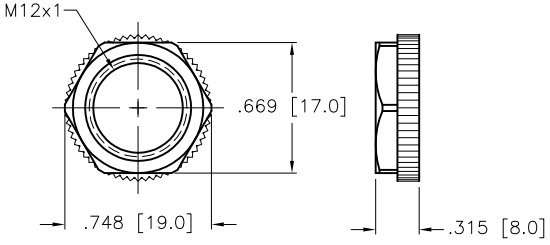
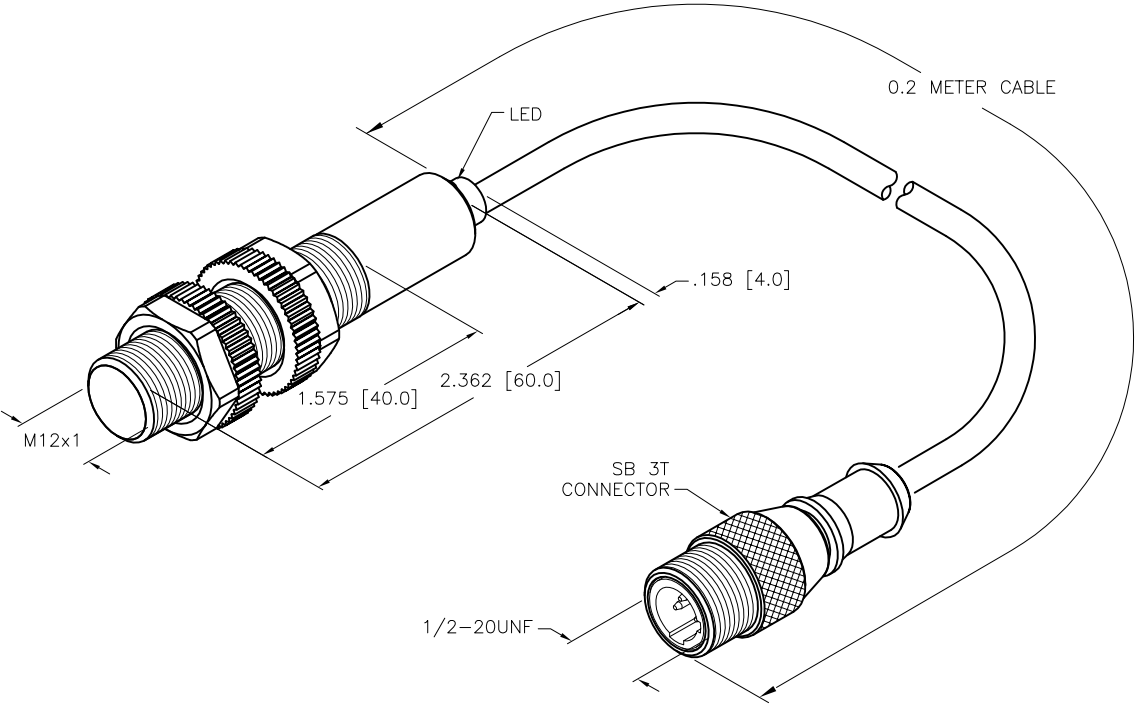
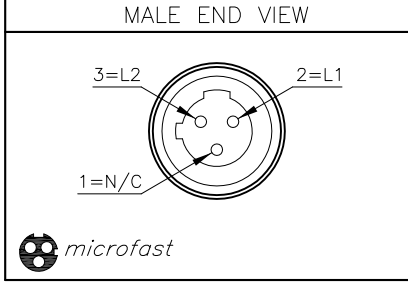
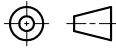



WIRING DIAGRAM	LOCKNUT LN-P12	SPECIFICATIONS	
 <p>OUTPUT: AZ31X</p>		OPERATING VOLTAGE	20–250 VAC/10–300 VDC
		LINE FREQUENCY	40–60 Hz
<p>WARNING: NO SHORT-CIRCUIT PROTECTION ALWAYS WIRE A LOAD IN SERIES W/THE SENSOR</p>		DIFFERENTIAL TRAVEL (HYSTERESIS)	3–15% (5% TYPICAL)
		VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 11.0 V at 100 mA
		OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC SELF-CONTAINED
		SHORT-CIRCUIT PROTECTED	NO
		CONTINUOUS LOAD CURRENT	≤ 100 mA
		LEAKAGE (OFF-STATE) CURRENT	≤ 1.7 μA
		MINIMUM LOAD CURRENT	≥ 5.0 μA
		INRUSH CURRENT	≤ 1.0 A (≤ 10 ms/5 Hz)
		TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
		POWER-ON EFFECT	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
		RATED OPERATING DISTANCE(S _n)	4 mm = .157" (NOMINAL)
		SWITCHING FREQUENCY	20 Hz
		REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
		SHIELDED	NO



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES: 1. MATERIALS:
BARREL-PA12-GF30 PLASTIC
LOCKNUTS-PA12-GF30 PLASTIC
END CAP-TPE-O-ELASTOMER
CONNECTOR-NICKEL PLATED BRASS
CONTACTS-GOLD PLATED BRASS

NOTES: 1. MATERIALS: BARREL-PA12-GF30 PLASTIC LOCKNUTS-PA12-GF30 PLASTIC END CAP-TPE-O-ELASTOMER CONNECTOR-NICKEL PLATED BRASS CONTACTS-GOLD PLATED BRASS					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.							
					2.							
					3.							
4.		MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT JBJ		DATE 08/24/01		DESCRIPTION NI4-S12-AZ31X-0.2M-SB3T		
SEE NOTES		APVD				SCALE 1=1.0						
FINISH		SEE NOTES		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO.		REV		
SEE NOTES								1302290		C		
C	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17			DO NOT SCALE THIS DRAWING		FILE: 1302290		SHEET 1 OF 1		
REV	DESCRIPTION	BY	DATE	ECO NO.								