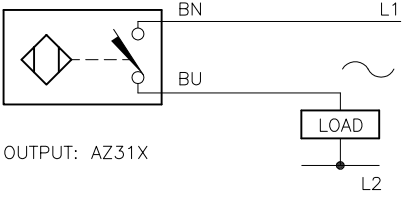
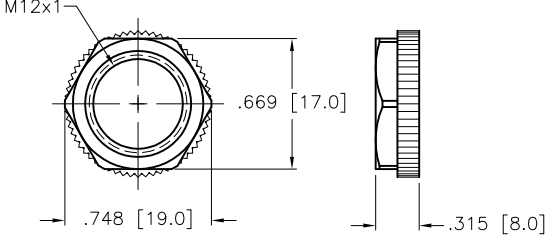
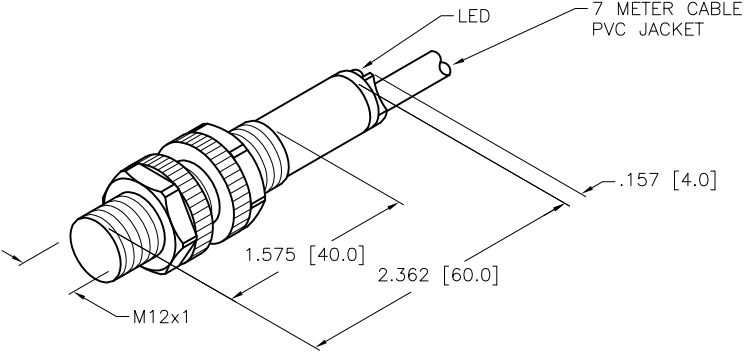
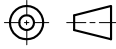



WIRING DIAGRAM	LOCKNUT LN-P12	SPECIFICATIONS	
 <p>OUTPUT: AZ31X</p>		OPERATING VOLTAGE	35–250 VAC/DC
		LINE FREQUENCY	40–60 Hz
<p><b>WARNING:</b> NO SHORT-CIRCUIT PROTECTION ALWAYS WIRE A LOAD IN SERIES W/THE SENSOR</p>		HYSTERESIS	3–15% (5% TYPICAL)
		VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 11.0 V at 100 mA
		OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC SELF-CONTAINED
		SHORT-CIRCUIT PROTECTED	NO
		CONTINUOUS LOAD CURRENT	≤ 100 mA
		RESIDUAL 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	2 mm = .079" (NOMINAL)
		SWITCHING FREQUENCY	20 Hz
		REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
		SHIELDED	YES

SOURCE DRAWING - FOR REFERENCE ONLY

<div>RELATED DOCUMENTS</div> <div>1. 2. 3. 4.</div>					<div>3RD ANGLE PROJECTION</div> <div></div>		<div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div>		<div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us</div> <div></div>					
					<div>MATERIAL</div> <div>PA 12-GF30 PLASTIC</div>		<div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</div>		<div>DRFT GMB</div> <div>DATE 09/09/88</div>		<div>DESCRIPTION</div> <div>BI2-S12-AZ31X 7M</div>			
									<div>APVD</div> <div>SCALE 1=2.0</div>					
					<div>FINISH</div>		<div>CONTACT TURCK FOR MORE INFORMATION</div>		<div>UNIT OF MEASUREMENT</div> <div>INCH [ MILLIMETER ]</div> <div>DO NOT SCALE THIS DRAWING</div>		<div>IDENTIFICATION NO.</div> <div>1302097</div>		<div>REV</div> <div>F</div>	
											<div>FILE: 1302097</div>		<div>SHEET 1 OF 1</div>	
F	UPDATE ID NUMBER PER HARMONIZATION PROJECT			CBM	11/06/17									
REV	DESCRIPTION			BY	DATE	ECO NO.								