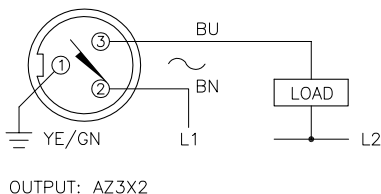
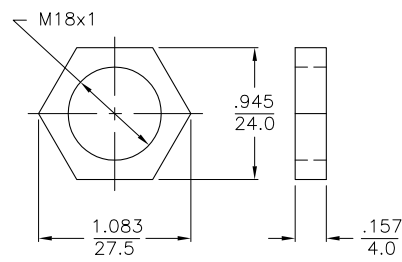
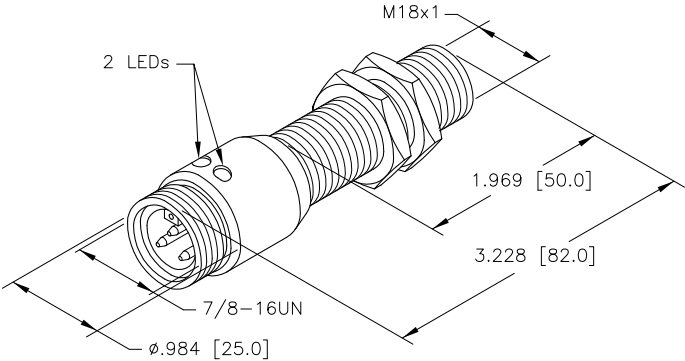
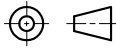


WIRING DIAGRAM		LOCKNUT LN-M18		SPECIFICATIONS																																													
 <p>OUTPUT: AZ3X2</p> <p>WARNING: NO SHORT-CIRCUIT PROTECTION ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.</p>				<table><tr><td>OPERATING VOLTAGE</td><td>20-250 VAC/DC</td></tr><tr><td>LINE FREQUENCY</td><td>40-60 Hz</td></tr><tr><td>HYSTERESIS (DIFFERENTIAL TRAVEL)</td><td>3-15% (5% TYPICAL)</td></tr><tr><td>VOLTAGE DROP ACROSS CONDUCTING SENSOR</td><td>≤ 7.0 V at 500 mA</td></tr><tr><td>OUTPUT FUNCTION</td><td>NORMALLY OPEN 2-WIRE AC SELF-CONTAINED</td></tr><tr><td>SHORT-CIRCUIT PROTECTED</td><td>NO</td></tr><tr><td>CONTINUOUS LOAD CURRENT</td><td>≤ 500 mA</td></tr><tr><td>LEAKAGE (OFF-STATE) CURRENT</td><td>≤ 1.7 mA</td></tr><tr><td>MINIMUM LOAD CURRENT</td><td>≥ 5.0 mA</td></tr><tr><td>INRUSH CURRENT</td><td>≤ 3.0 A</td></tr><tr><td>TIME DELAY BEFORE AVAILABILITY</td><td>≤ 25 ms</td></tr><tr><td>POWER-ON EFFECT PROTECTION</td><td>INCORPORATED</td></tr><tr><td>PROTECTION AGAINST TRANSIENTS</td><td>5 kV, 10 ms, 10 k</td></tr><tr><td>OPERATING TEMPERATURE</td><td>-25°C to +70°C (-13°F to +158°F)</td></tr><tr><td>ENCLOSURE</td><td>MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67</td></tr><tr><td>SHOCK</td><td>30 g, 11 ms</td></tr><tr><td>VIBRATION</td><td>55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)</td></tr><tr><td>LED FUNCTION</td><td>GREEN = POWER ON RED = OUTPUT ENERGIZED</td></tr><tr><td>SENSING RANGE</td><td>5 mm = .197" (NOMINAL)</td></tr><tr><td>SWITCHING FREQUENCY</td><td>20 Hz</td></tr><tr><td>REPEATABILITY</td><td>≤ 2% of RATED OPERATING DISTANCE</td></tr><tr><td>EMBEDDABLE (SHIELDED)</td><td>YES</td></tr></table>		OPERATING VOLTAGE	20-250 VAC/DC	LINE FREQUENCY	40-60 Hz	HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15% (5% TYPICAL)	VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 7.0 V at 500 mA	OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC SELF-CONTAINED	SHORT-CIRCUIT PROTECTED	NO	CONTINUOUS LOAD CURRENT	≤ 500 mA	LEAKAGE (OFF-STATE) CURRENT	≤ 1.7 mA	MINIMUM LOAD CURRENT	≥ 5.0 mA	INRUSH CURRENT	≤ 3.0 A	TIME DELAY BEFORE AVAILABILITY	≤ 25 ms	POWER-ON EFFECT PROTECTION	INCORPORATED	PROTECTION AGAINST TRANSIENTS	5 kV, 10 ms, 10 k	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	GREEN = POWER ON RED = OUTPUT ENERGIZED	SENSING RANGE	5 mm = .197" (NOMINAL)	SWITCHING FREQUENCY	20 Hz	REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE	EMBEDDABLE (SHIELDED)	YES
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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 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 turck.com</div>				
					<div>MATERIAL</div> <div>BRASS BARREL</div>		<div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</div> <div>CONTACT TURCK FOR MORE INFORMATION</div>		<div>DRFT</div> <div>RDS</div>	<div>DATE</div> <div>06/15/05</div>	<div>DESCRIPTION</div> <div>BI 5-G18-AZ3X2-B1331 50MM</div>		
									<div>DSGN</div> <div>BT</div>	<div>SCALE</div> <div>NONE</div>			
									<div>UNIT OF MEASUREMENT</div> <div>INCH [MILLIMETER]</div> <div>DO NOT SCALE THIS DRAWING</div>				
<div>FINISH</div> <div>COPPER, NICKEL, CHROME PLATING</div>													
<div>B</div>	<div>UPDATE OPERATING VOLTAGE, SEE ECO</div>			<div>RWC</div>	<div>08/09/07</div>	<div>18320</div>							
<div>REV</div>	<div>DESCRIPTION</div>			<div>BY</div>	<div>DATE</div>	<div>ECO NO.</div>							
<div>FILE: T1374196</div>												<div>SHEET 1 OF 1</div>	