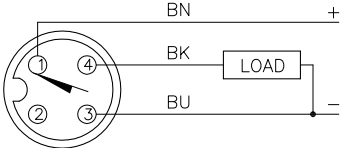
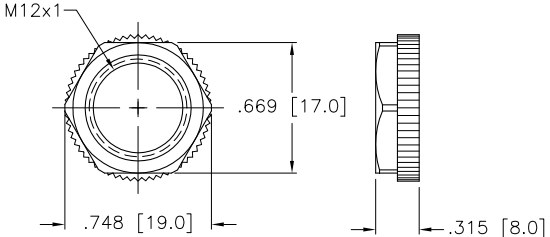
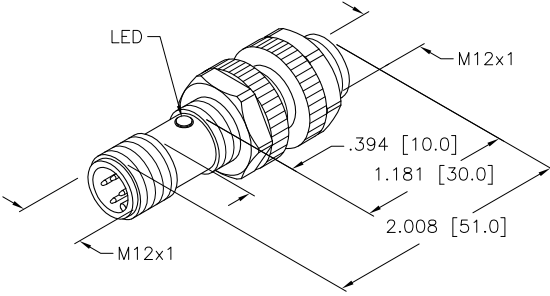
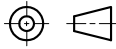


WIRING DIAGRAM	LOCKNUT LN-P12	SPECIFICATIONS	
 <p>OUTPUT: AP6X</p> <p>SHORT-CIRCUIT AND OVERLOAD PROTECTED</p>		OPERATING VOLTAGE	10-30 VDC
		RIPPLE	≤10%
		DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
		VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA
		OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
		TTL COMPATIBLE	NO
		SHORT-CIRCUIT PROTECTED	YES
		TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
		CONTINUOUS LOAD CURRENT	≤ 200 mA
		LEAKAGE (OFF-STATE) CURRENT	<10 μA



NO-LOAD CURRENT	5.5-9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	2 kV, 1 ms, 1 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	2000 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
SHIELDED	NO

SOURCE DRAWING - FOR REFERENCE ONLY

<div>RELATED DOCUMENTS</div> <div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div>					<div>3RD ANGLE PROJECTION</div>		<div>THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div>		<div>TURCK INC</div> <div>High Technology Sensors and Automation Controls</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>PA 12-GF30 PLASTIC</div>		<div>DRFT</div> <div>SMW</div> <div>DATE</div> <div>08/10/87</div> <div>DSGN</div> <div>SCALE</div> <div>1=2.0</div>				<div>DESCRIPTION</div> <div>Ni 4-S12-AP6X-H1141</div>	
<div>C</div> <div>UPDATE DRAWING, NEW FORMAT</div> <div>IK</div> <div>09/13/00</div> <div>T3930</div> <div>REV</div> <div>DESCRIPTION</div> <div>BY</div> <div>DATE</div> <div>ECO NO.</div>					<div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</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>T4652200</div> <div>REV</div> <div>C</div> <div>FILE: T4652200</div> <div>SHEET 1 OF 1</div>			

C	UPDATE DRAWING, NEW FORMAT	IK	09/13/00	T3930
REV	DESCRIPTION	BY	DATE	ECO NO.