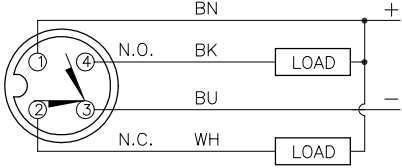
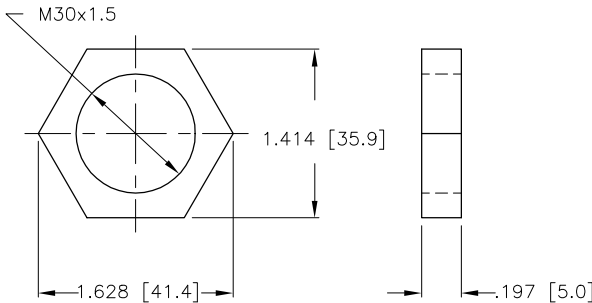
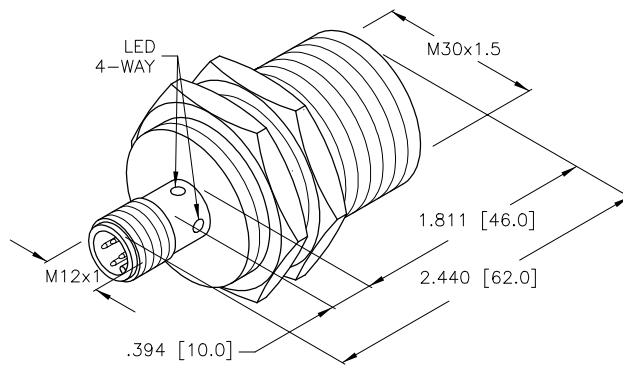


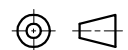
WIRING DIAGRAM		LOCKNUT LN-M30		SPECIFICATIONS	
				OPERATING VOLTAGE	10-65 VDC
<p>OUTPUT: VN4X</p> <p>SHORT-CIRCUIT AND OVERLOAD PROTECTED</p>				RIPPLE	≤10%
				DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
				VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
				OUTPUT FUNCTION	COMPLEMENTARY OUTPUT ONE N.O., ONE N.C. (SPDT)
				TTL COMPATIBLE	NO
				SHORT-CIRCUIT PROTECTED	YES
				TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
				CONTINUOUS LOAD CURRENT	≤ 200 mA
				OFF-STATE (LEAKAGE) CURRENT	<10 µA



NO-LOAD CURRENT	4.0-9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN 60947-5-2
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	YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(S _n)	15 mm = .591" (NOMINAL)
SWITCHING FREQUENCY	500 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION

NOTE
PRELIMINARY
SPECIFICATIONS

SOURCE DRAWING - FOR REFERENCE ONLY

NOTE: ALL DIMENSION TOLERANCES ARE ±1.0 mm.					RELATED DOCUMENTS		3RD ANGLE PROJECTION				THIS DOCUMENT IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		<div>TURCK INC <i>High Technology Sensors and Automation Controls</i></div> <div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com</div>			
					1.		3.									
					2.		4.		TOLERANCES UNLESS OTHERWISE SPECIFIED		DRFT IK		DATE 05/09/01		DESCRIPTION Bi15-M30-VN4X-H1141	
					MATERIAL BRASS BARREL				DSGN		SCALE 1=2.0					
					FINISH COPPER/NICKEL/ CHROME PLATING				.X ±0.02 .XX ±0.01 .XXX ±0.005 ANGLES ±1° ALL MILLIMETER DIMENSIONS ARE REFERENCE ONLY		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. T4570711		REV P1	
P1		IK	05/09/01								FILE: T4570711		SHEET 1 OF 1			
REV	DESCRIPTION	BY	DATE	ECO NO.												