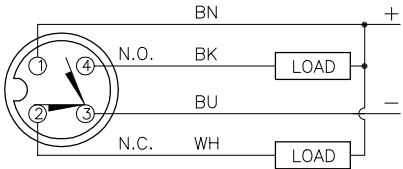
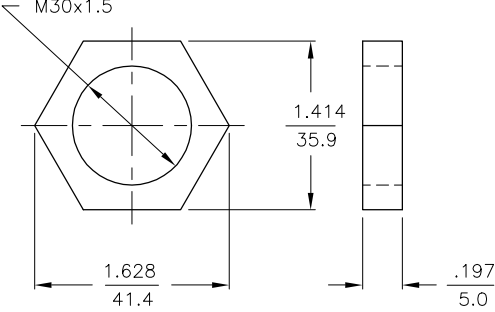
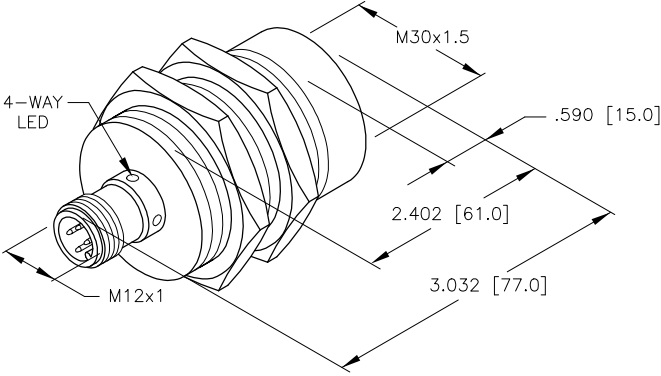


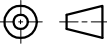
WIRING DIAGRAM	LOCKNUT LN-M30	SPECIFICATIONS	
 OUTPUT: VN4X SHORT-CIRCUIT AND OVERLOAD PROTECTED		OPERATING VOLTAGE	10-65 VDC
		RIPPLE	≤10%
		DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
		VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
		OUTPUT FUNCTION	COMPLEMENTARY OUTPUT ONE N.O., ONE 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	<10μ A



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	PER 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)	NO
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION

**NOTE
PRELIMINARY
SPECIFICATIONS**

SOURCE DRAWING - FOR REFERENCE ONLY

NOTE: ALL TOLERANCES ±1.0 mm.				TURCK INC High Technology Sensors and Automation Controls 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com			
RELATED DOCUMENTS 1. 2. 3. 4.				3RD ANGLE PROJECTION 		THIS DOCUMENT IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	
MATERIAL BRASS BARREL				TOLERANCES UNLESS OTHERWISE SPECIFIED .X ±0.02 .XX ±0.01 .XXX ±0.005 ANGLES ±1° ALL MILLIMETER DIMENSIONS ARE REFERENCE ONLY		DRFT CBM DATE 06/19/00 DSGN SCALE NONE	
FINISH COPPER/NICKEL/ CHROME PLATING				UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		DESCRIPTION Ni15-M30E-VN4X-H1141 IDENTIFICATION NO. T1571590 REV P1	
P1		CBM	06/19/00				
REV	DESCRIPTION	BY	DATE	ECO NO.		FILE: T1571590	SHEET 1 OF 1