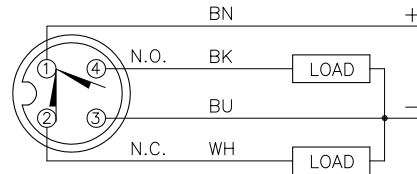
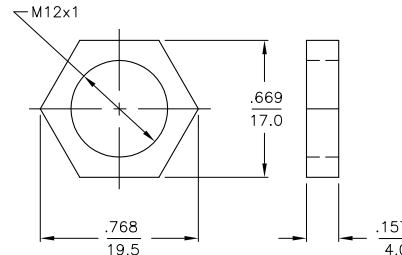
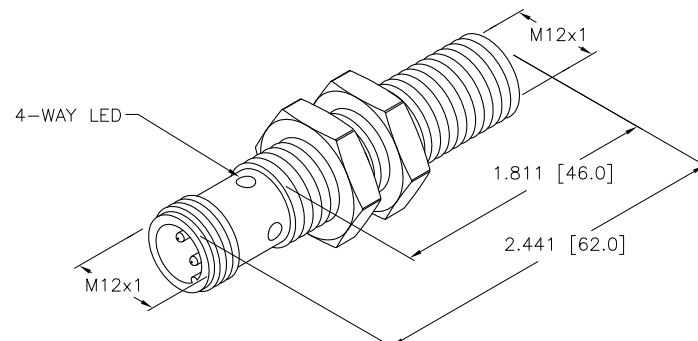
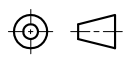


WIRING DIAGRAM				LOCKNUT LN-M12			
							
OUTPUT: VP6X							
SHORT-CIRCUIT AND OVERLOAD PROTECTED							

SPECIFICATIONS	
RATED OPERATING DISTANCE	2mm = 0.079"
HYSTERESIS	3-15%
TEMPERATURE DRIFT	≤±10%
MIN. REPEAT ACCURACY	≤2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤10%
DC RATED OPERATIONAL CURRENT	≤200 mA
NO-LOAD CURRENT	≤15 mA
RESIDUAL CURRENT	≤0.1 mA
MAX. SWITCHING FREQUENCY	≤2.0 kHz
RATED INSULATION VOLTAGE	≤0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	4-WIRE, COMPLIMENTARY, PNP
HOUSING MATERIAL	METAL, BRASS/CHROME-PLATED
ACTIVE FACE	PLASTIC, PA12-GF30
CONNECTION	M12x1
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		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	
1. 2. 3. 4.				DRFT RDS		DATE 12/20/10		DESCRIPTION	
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DSGN		SCALE 1=1.0		BI 2-M12E-VP6X-H1141	
FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV	
SEE NOTES				INCH [MILLIMETER]		T4606507		A	
SEE NOTES				DO NOT SCALE THIS DRAWING		FILE: T4606507		SHEET 1 OF 1	

A	DRAWING RELEASE	RDS	12/20/10	
REV	DESCRIPTION	BY	DATE	ECO NO.