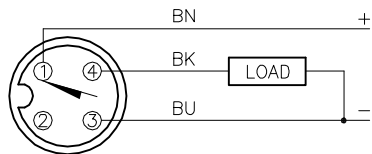
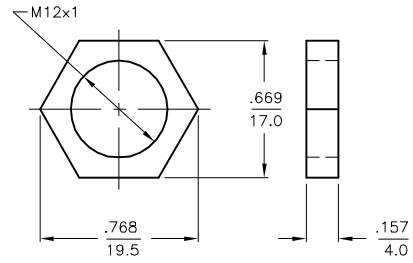
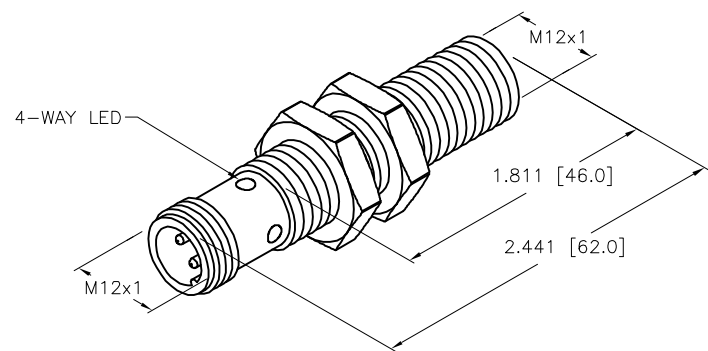
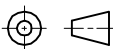


WIRING DIAGRAM				LOCKNUT LN-MT12	
 OUTPUT: AP6X SHORT-CIRCUIT AND OVERLOAD PROTECTED					
					

SPECIFICATIONS	
RATED OPERATING DISTANCE	4 mm = [0.157"]
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	NORMALLY OPEN, 3-WIRE, PNP
HOUSING MATERIAL/PLATING	METAL, BRASS/CHROME (PTFE-COATED)
ACTIVE FACE MATERIAL	STONEFACE
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 CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
1. 2. 3. 4.						TURCK	
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT	RDS	DATE 01/03/12	DESCRIPTION
SEE NOTES				APVD	J.M.	SCALE 1=1.0	BI4-MT12HE-AP6X-H1141
FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT			IDENTIFICATION NO.
SEE NOTES				INCH [MILLIMETER]			4608093
DO NOT SCALE THIS DRAWING							REV
							D

D	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	05/09/18	
REV	DESCRIPTION	BY	DATE	ECO NO.

FILE: 4608093

SHEET 1 OF 1