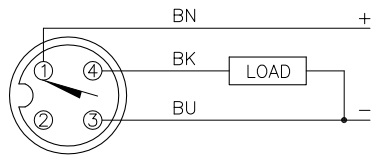
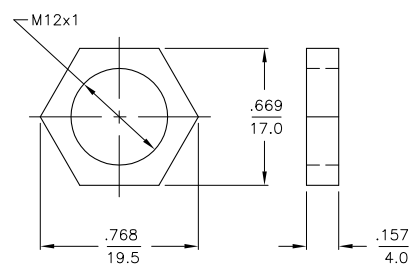
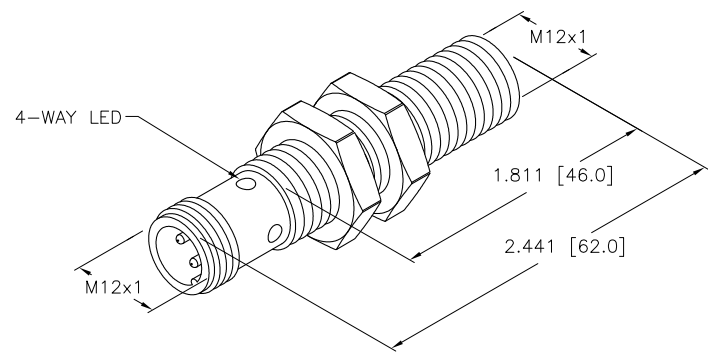
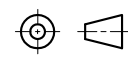


WIRING DIAGRAM				LOCKNUT LN-M12			
							
OUTPUT: AP6X							
SHORT-CIRCUIT AND OVERLOAD PROTECTED							



SPECIFICATIONS			
RATED OPERATING DISTANCE	2mm = 0.79"		
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	METAL, BRASS/CHROME-PLATED		
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.		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 10/14/09	
MATERIAL				ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DSGN		SCALE 1=1.0	
SEE NOTES						UNIT OF MEASUREMENT		DESCRIPTION	
FINISH				CONTACT TURCK FOR MORE INFORMATION		INCH [MILLIMETER]		BI 2-M12E-AP6X-H1141	
SEE NOTES								IDENTIFICATION NO.	
								T4606505	
A				DRAWING RELEASE		RDS		10/14/09	
REV				DESCRIPTION		BY		DATE	
						ECO NO.			
						DO NOT SCALE THIS DRAWING		FILE: T4606505	
								SHEET 1 OF 1	