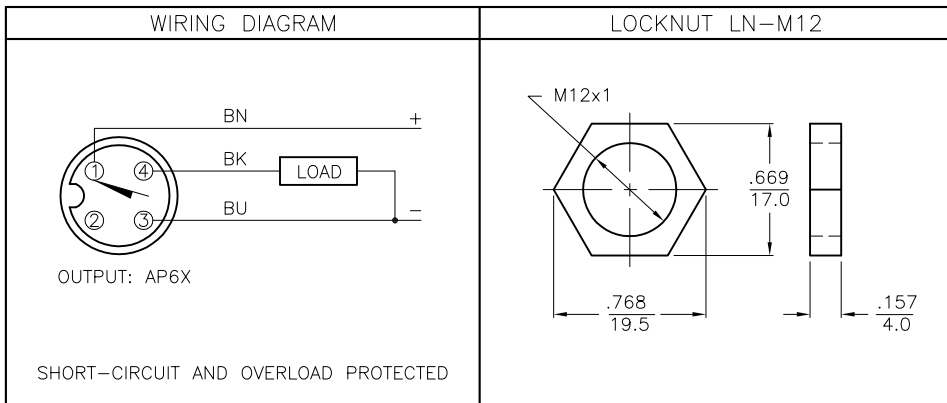
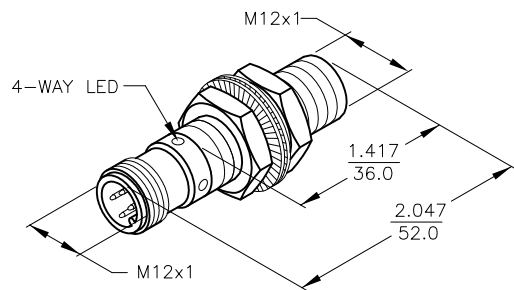




SPECIFICATIONS	
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
CONTINUOUS LOAD CURRENT	≤ 200 mA
OFF-STATE (LEAKAGE) CURRENT	≤ 0.1 mA
NO-LOAD CURRENT	≤ 8 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT	PER IEC 947-5-2
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	Per EN 60947-5-2
OPERATING TEMPERATURE (10% DRIFT)	-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(Sn)	4 mm = .158" (NOMINAL)
SWITCHING FREQUENCY	2000 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION



NOTES:

- MATERIALS:
PTFE COATED BRASS BARREL.
CHROME PLATED BRASS CONNECTOR.
PTFE COATED BRASS LOCKNUTS.
SILVER CHROMATED STEEL LOCKWASHERS.
THERMOSET PLASTIC SENSING FACE.
- ALL DIMENSIONAL TOLERANCES: ±1.0 mm.

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES: 1. MATERIALS: PTFE COATED BRASS BARREL. CHROME PLATED BRASS CONNECTOR. PTFE COATED BRASS LOCKNUTS. SILVER CHROMATED STEEL LOCKWASHERS. THERMOSET PLASTIC SENSING FACE. 2. ALL DIMENSIONAL TOLERANCES: ±1.0 mm.					RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK INC <i>High Technology Sensors and Automation Controls</i> 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com							
					1. 2. 3. 4.											
SEE NOTES					MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT JBJ		DATE 06/27/00		DESCRIPTION Bi 4-MT12H-AP6X-H1141			
									DSGN		SCALE NONE					
SEE NOTES					FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT				IDENTIFICATION NO.		REV	
									INCH [MILLIMETER]				T4607093		D	
D REMOVE TRADEMARKED MATERIAL REFERENCES					CBM	11/16/12	40471	DO NOT SCALE THIS DRAWING				FILE: T4607093		SHEET 1 OF 1		
REV	DESCRIPTION				BY	DATE	ECO NO.					T4607093		D		