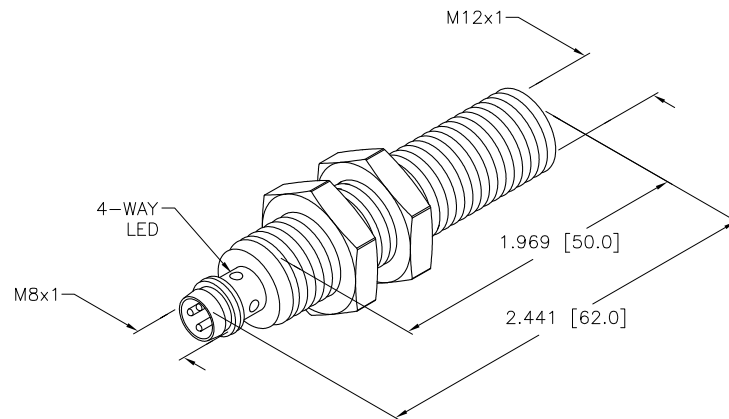
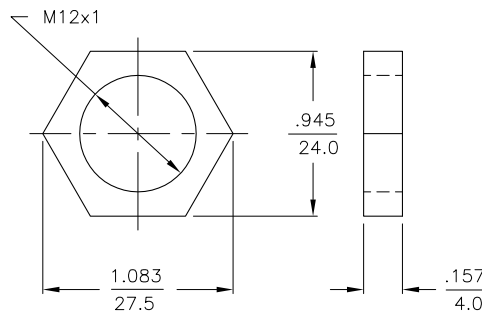
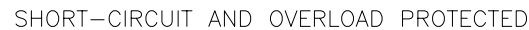
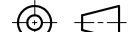




SPECIFICATIONS	
RATED OPERATING DISTANCE	2 mm = .079"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	±10%
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO–LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT–CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3–WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 2.0 kHz
HOUSING MATERIAL	BRASS/CHROME–PLATED
ACTIVE FACE	PLASTIC, PA12–GF30
CONNECTION	M8x1
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

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1.		DRFT	RDS	DATE	01/16/12		
2.		APVD	J.M.	SCALE	1=1.0		
3.		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING			DESCRIPTION		BI 2-G12-AP6X-V1131
4.					IDENTIFICATION NO.		
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY						
SEE NOTES							
FINISH	CONTACT TURCK FOR MORE INFORMATION						
SEE NOTES							
				FILE: T4606597		SHEET 1 OF	

A	DRAWING RELEASE	RDS	01/18/12	
REV	DESCRIPTION	BY	DATE	ECO NO.