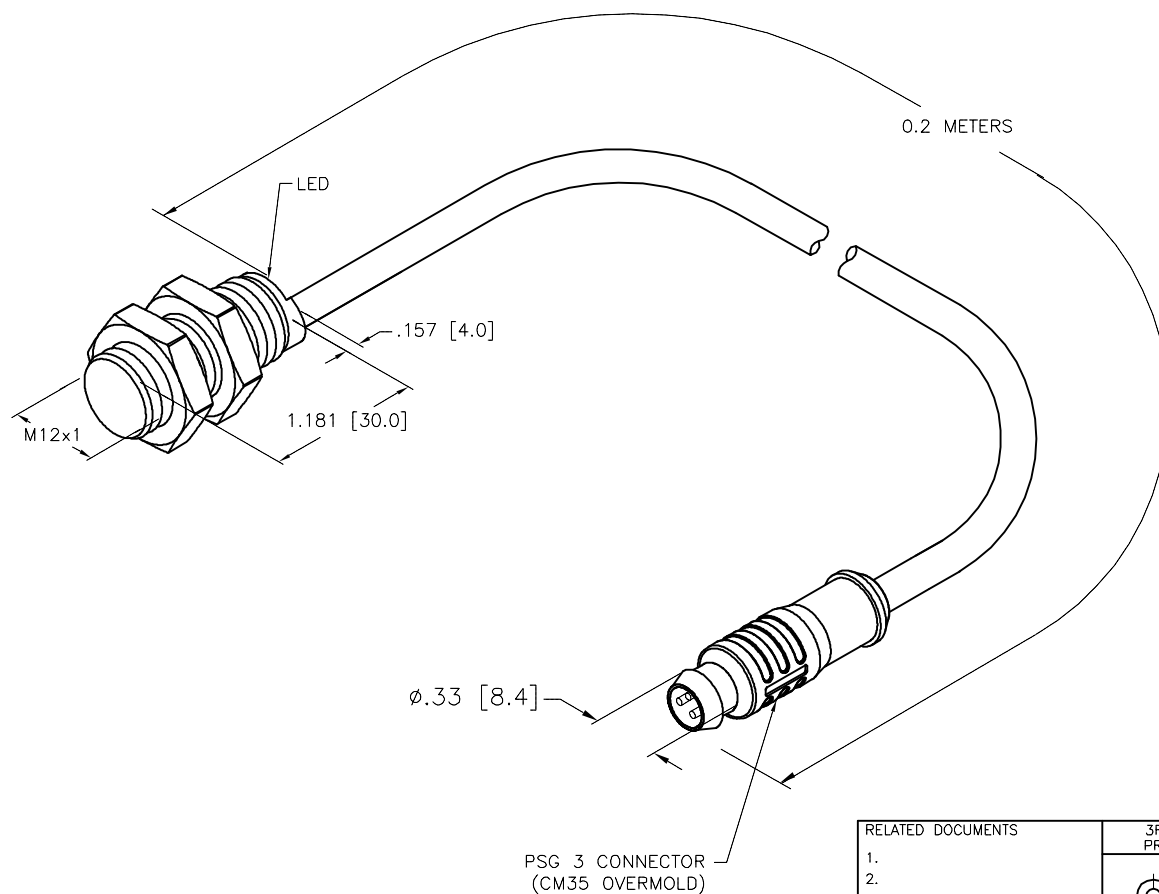
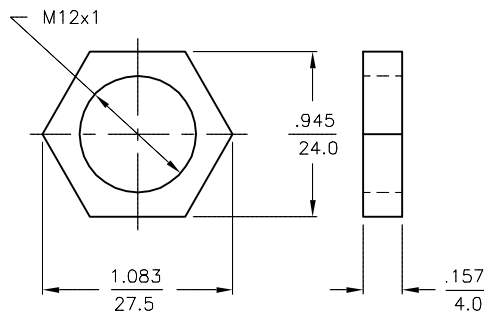


OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED


LOCKNUT LN-M12



SPECIFICATIONS

RATED OPERATING DISTANCE	2 mm = .078" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	$\leq \pm 10\%$
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	$\leq 2\%$
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	$\leq 10\%$
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-COATED
ACTIVE FACE	PLASTIC, PA12-GF30
CABLE	Ø5.2, PVC
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

RELATED DOCUMENTS		3RD ANGLE PROJECTION		<div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> <div>TURCK INC High Technology Sensors and Automation Controls</div>		<div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com</div>	
1. 2. 3. 4.							
MATERIAL		DRFT RDS		DATE 02/09/10		DESCRIPTION BI 2-G12K-AP6X-0.2M-PSG 3	
SEE NOTES		DSGN		SCALE 1=1.0			
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. T46702001		REV A	
SEE NOTES							
		DO NOT SCALE THIS DRAWING		FILE: T46702001		SHEET 1 OF	

A	DRAWING RELEASE	RDS	02/10/10	
REV	DESCRIPTION	BY	DATE	ECO NO.