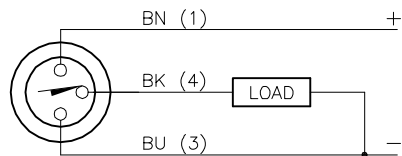


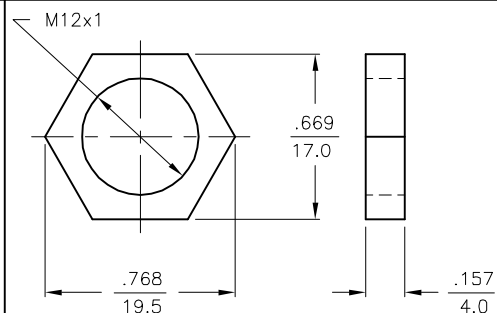
WIRING DIAGRAM



OUTPUT: AP6X

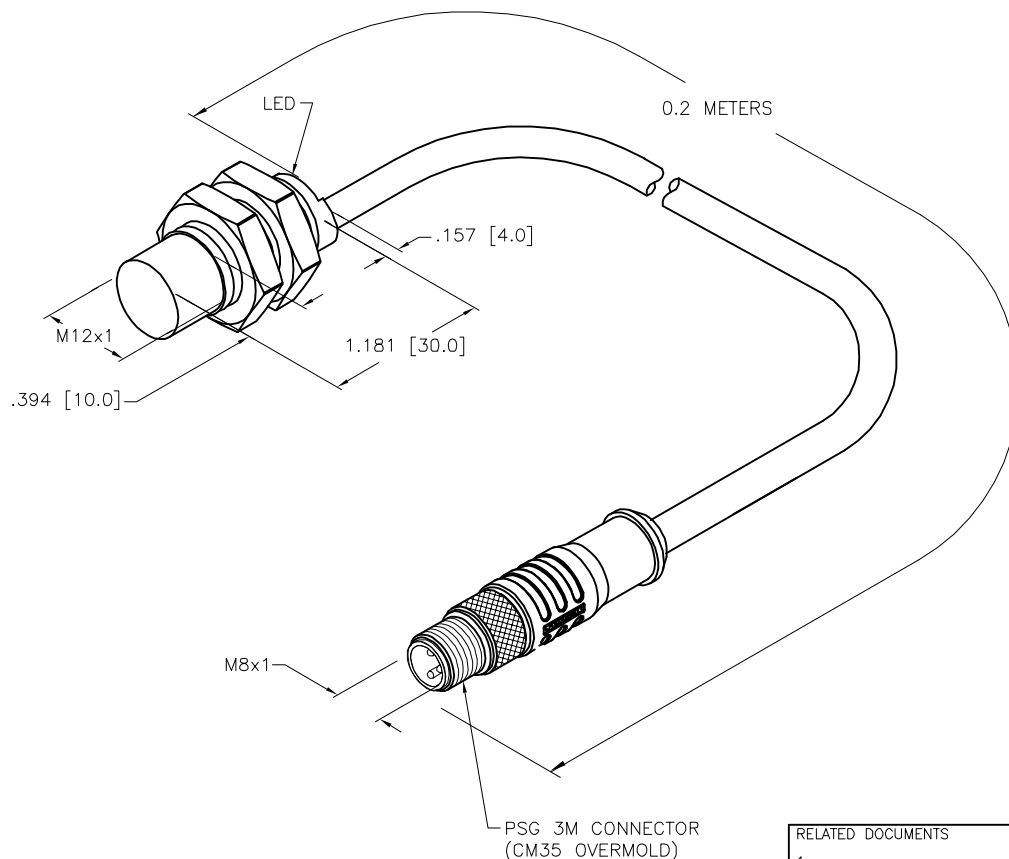
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12

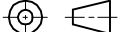



SPECIFICATIONS

RATED OPERATING DISTANCE	5.0mm [.197"]
MOUNTING CONDITION	NON-FLUSH
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
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
VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 1.5 kHz
HOUSING MATERIAL	BRASS, CHROME-PLATED
MATERIAL ACTIVE FACE	PLASTIC, PA12-GF20
CABLE	ø5.1, PVC
VIBRATION RESISTANCE	55 Hz
SHOCK RESISTANCE	30 g, 11 ms
PROTECTION	IP 67
SWITCHING STATE	LED: YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	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	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	RDS	DATE	12/09/20	DESCRIPTION NI5-G12K-AP6X-0.2-PSG3M		
APVD		A.F.	SCALE	1=1.0				
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]			IDENTIFICATION NO. 46703000		REV A	
		DO NOT SCALE THIS DRAWING						FILE: 46703000

A	DRAWING RELEASE	RDS	12/10/20	
REV	DESCRIPTION	BY	DATE	ECO. NO.