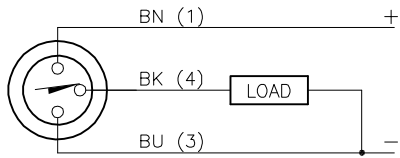


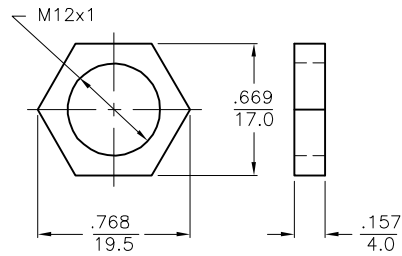
WIRING DIAGRAM



OUTPUT: AP6X

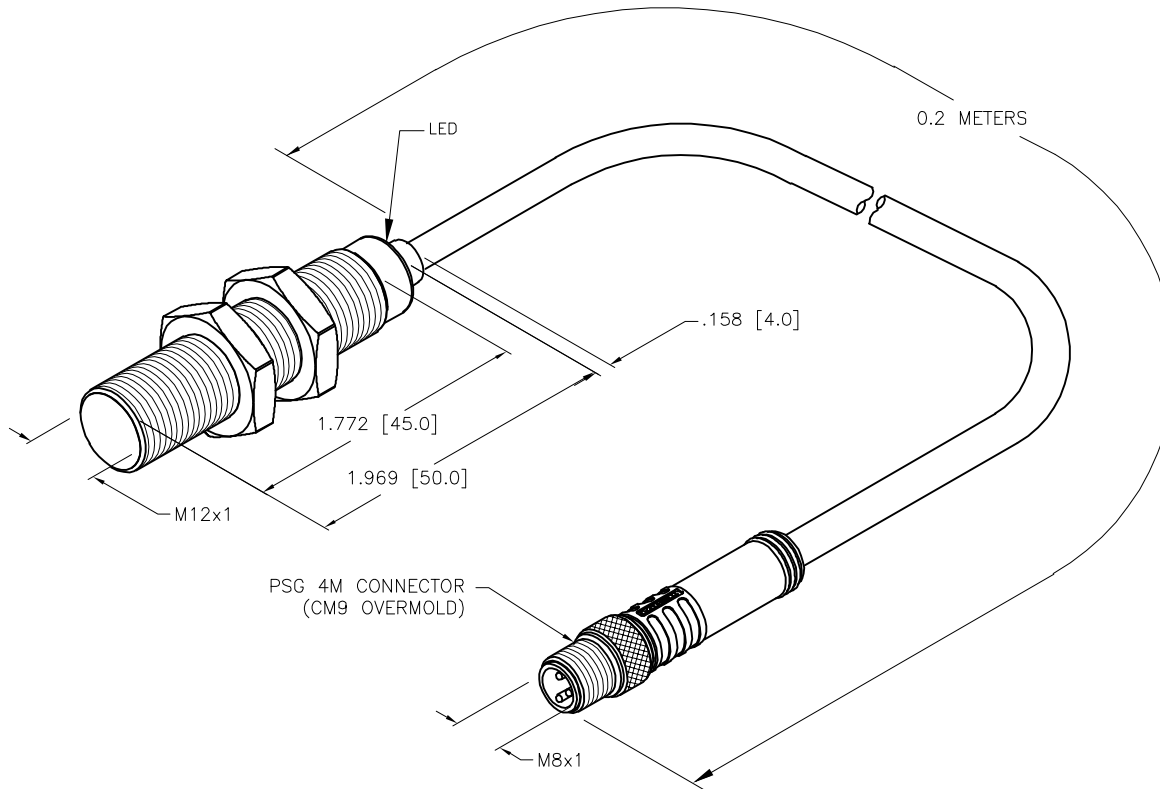
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12



SPECIFICATIONS

RATED OPERATING DISTANCE	6mm =.236"
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL 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 PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
MAX. SWITCHING FREQUENCY	≤ 2 kHz
HOUSING MATERIAL	METAL, BRASS
ACTIVE FACE	PLASTIC, LCP-GF30
CONNECTION	CABLE, 5.2mm PVC
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP68
SWITCHING STATUS INDICATION	LED: YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

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	MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT TV DATE 10/27/17	DESCRIPTION BI6U-M12-AP6X-0.2-PSG3M	
FINISH	CONTACT TURCK FOR MORE INFORMATION	APVD A.F. SCALE 1=1.0	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 4417054
C UPDATED PICOFAST TO CM9 OVERMOLD REV DESCRIPTION	ER 05/25/22 BY DATE ECO NO.	DO NOT SCALE THIS DRAWING		REV C	FILE: 4417054 SHEET 1 OF 1

C	UPDATED PICOFAST TO CM9 OVERMOLD	ER	05/25/22	500000005371
REV	DESCRIPTION	BY	DATE	ECO NO.