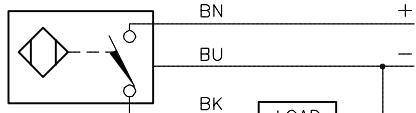


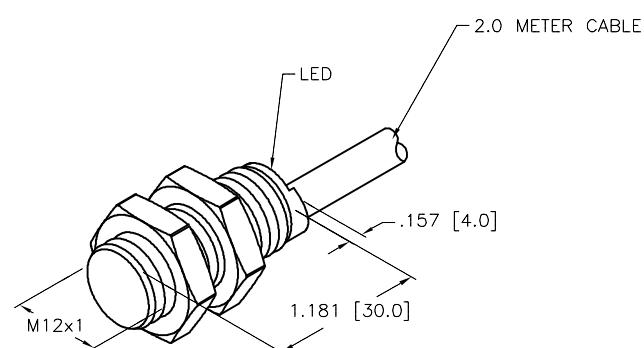
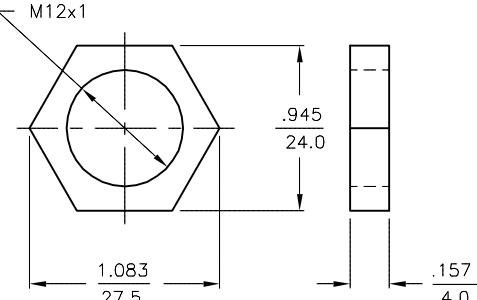
WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12



SPECIFICATIONS

RATED OPERATING DISTANCE	2 mm = .079" (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	$\varnothing 5.1$, TPU/BLACK
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.									
2.									
3.									
4.									
MATERIAL		DRFT	RDS	DATE	10/14/09	DESCRIPTION	BI 2-G12K-AP6X/S90		
SEE NOTES		APVD		SCALE	1=1.0				
FINISH		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT		INCH [MILLIMETER]		IDENTIFICATION NO.	
SEE NOTES		CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		T4670221		REV C	
C		BY		FILE: T4670221		SHEET 1 OF 1			
UPDATE CABLE USED		RDS 02/19/14 44966							
REV		DESCRIPTION		DATE		ECO NO.			

NOTES:

1. "/S90" DESIGNATES TPU CABLE JACKET.