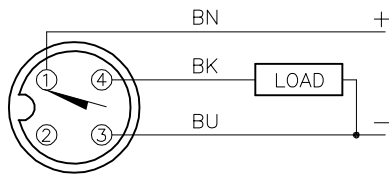


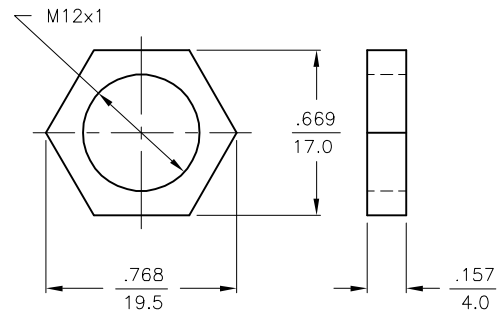
WIRING DIAGRAM



OUTPUT: AP6X

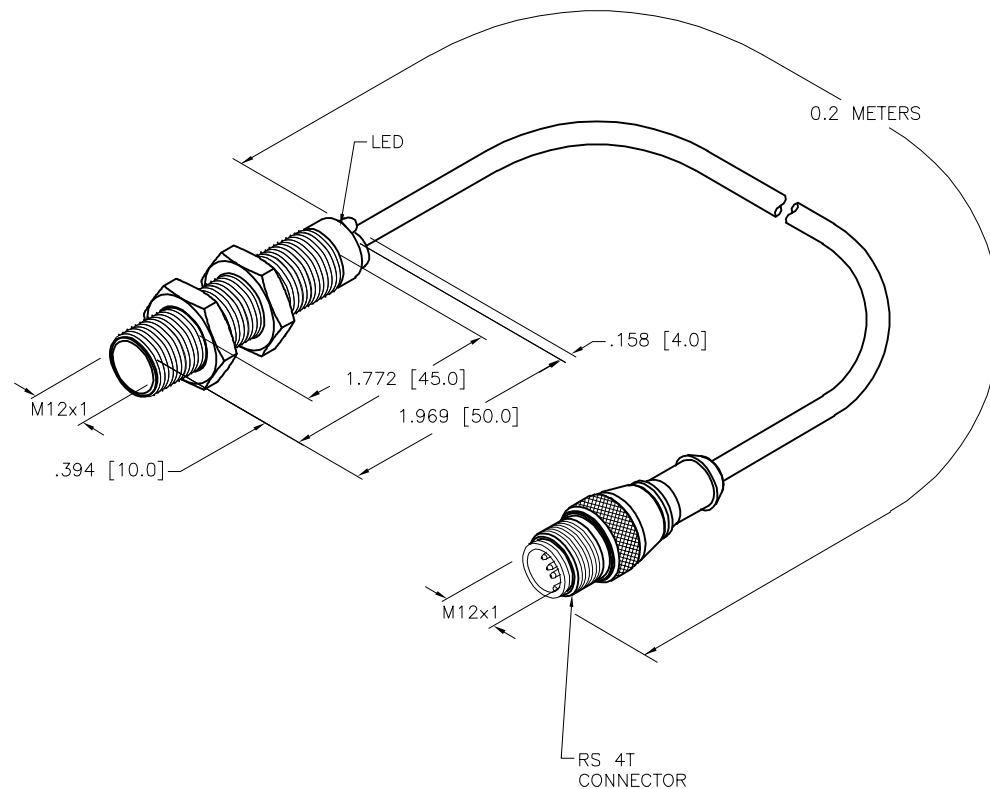
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12



SPECIFICATIONS

RATED OPERATING DISTANCE	4mm [.158]
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
MAX. RIPPLE	≤10%
RATED OPERATIONAL CURRENT	≤200 mA
NO-LOAD CURRENT	≤15 mA
MAX. OFF-STATE 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 kHz
HOUSING MATERIAL	BRASS, CHROME PLATED
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

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1. 2. 3. 4.							
MATERIAL		DRFT	RDS	DATE	07/18/05	DESCRIPTION BI4-M12-AP6X-0.2-RS4T	
		APVD	EH	SCALE	1=1.3		
FINISH		UNIT OF MEASUREMENT				IDENTIFICATION NO.	
		INCH [MILLIMETER]				4607096	
		DO NOT SCALE THIS DRAWING				REV	
						C	
						FILE: 4607096	
						SHEET 1 OF	

C	UPDATED DESCRIPTION	ER	09/28/20	76192
REV	DESCRIPTION	BY	DATE	ECO. NO.