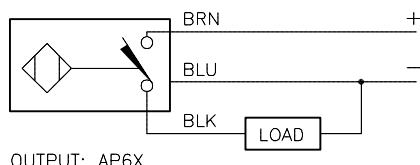
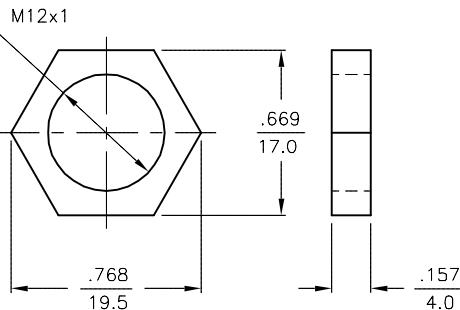


WIRING DIAGRAM



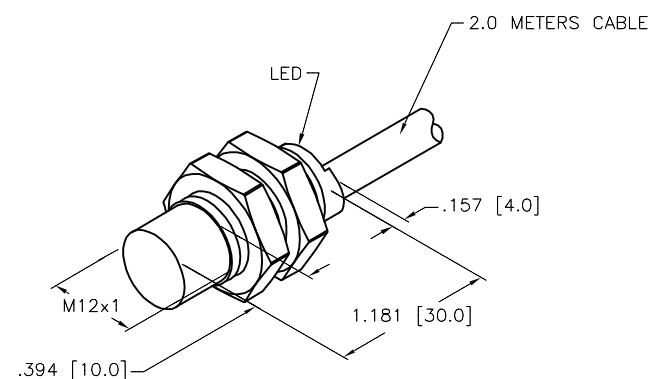
SHORT-CIRCUIT AND OVERLOAD PROTECTED

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



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			APVD	SCALE 1=1.0		MINNEAPOLIS, MN 55441	1-800-544-7769
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT	DRFT	SMW	NI 5-G12K-AP6X	(763) 553-7300	(763) 553-0708 fax
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REV DESCRIPTION	BY DATE ECO NO.						