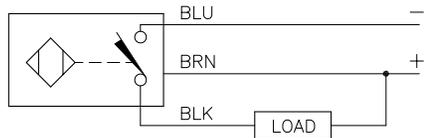


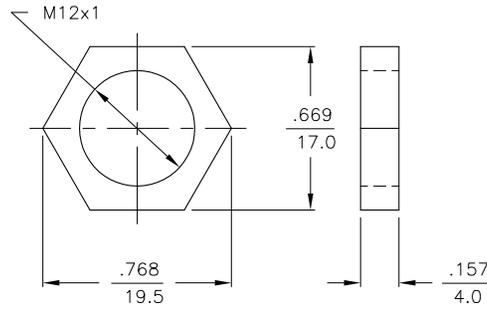
WIRING DIAGRAM



OUTPUT: AN7X

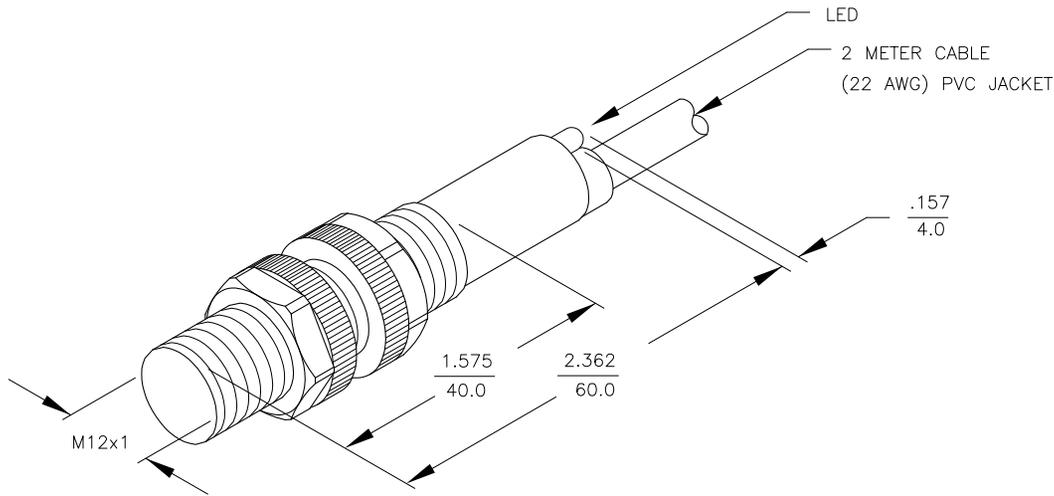
WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-P12



SPECIFICATIONS

OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	≤ 3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 0.7 V at 150 mA (0.3 V TYPICAL)
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
TTL COMPATIBLE	YES
SHORT-CIRCUIT PROTECTED	NO
CONTINUOUS LOAD CURRENT	≤ 150 mA
LEAKAGE (OFF-STATE) CURRENT	<10μ A
NO-LOAD CURRENT	5.5-9.5 mA
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
PROTECTION AGAINST TRANSIENTS	2 kV, 1 ms, 1 kΩ
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	RED: OUTPUT ENERGIZED
SENSING RANGE	4 mm = .157" (NOMINAL)
SWITCHING FREQUENCY	1500 Hz
REPEATABILITY	≤ 2% of NOMINAL SENSING RANGE
SHIELDED	NO



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1.				DRFT CBM		DATE 8/23/01	
2.				DSGN		SCALE NONE	
3.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		DESCRIPTION	
4.				INCH [MILLIMETER]		Ni4-S12-AN7X	
MATERIAL		PA 12-GF30 PLASTIC BARREL		IDENTIFICATION NO.		REV	
FINISH				T1713900		B	
B UPDATE TO CURRENT TITLE BLOCK		RDS 12/20/02 5504		DO NOT SCALE THIS DRAWING		FILE: T1713900	
REV DESCRIPTION		BY DATE ECO NO.		SHEET 1 OF 1			

B	UPDATE TO CURRENT TITLE BLOCK	RDS	12/20/02	5504
REV	DESCRIPTION	BY	DATE	ECO NO.