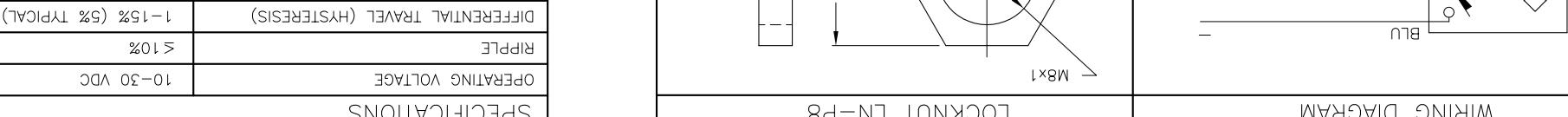
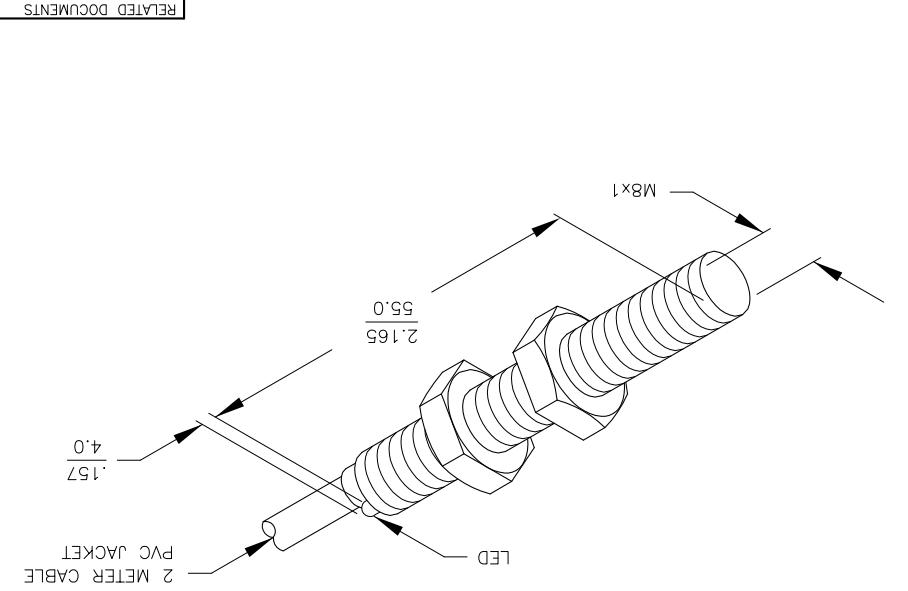
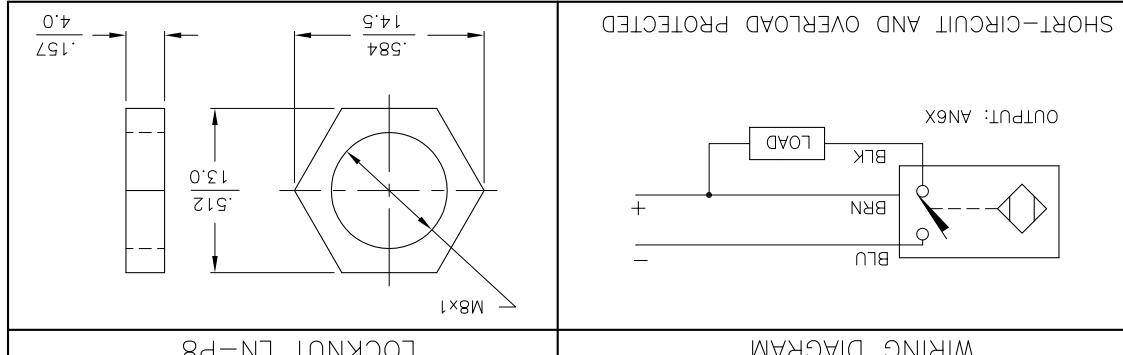


## WIRING DIAGRAM

LOCKNUT LN-P8



SPECIFICATIONS		
OPERATING VOLTAGE	10-30 VDC	≤10%
DIFFERENTIAL TRAVEL (HYSERESIS)	1-15% (5% TYPICAL)	VOLAGE DROP ACROSS CONDUCTING SENSOR ≤1.8 V at 150 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED	OUTPUT CROSS CONDUCTING SENSOR ≤1.8 V at 150 mA
TTL COMPATIBLE	NO	RIPPLE
SHOT-CIRCUIT PROTECTED	YES	DIFFERENTIAL TRAVEL (HYSERESIS) 1-15% (5% TYPICAL)
OVERLOAD PROTECTION	≥170 mA	VOLAGE DROP ACROSS CONDUCTING SENSOR ≤1.8 V at 150 mA
CONTINUOUS LOAD CURRENT	≤150 mA	OUTPUT: AN6X
LEAKAGE (OFF-STATE) CURRENT	<10 <sup>-14</sup> A	TTL COMPATIBLE
NO-LOAD CURRENT	5.5-9.5 mA	SHOT-CIRCUIT PROTECTED
TIME DELAY BEFORE AVAILABILITY	≤8 ms	POWER-ON EFFECT PROTECTION INCORPORATED
REVERSE POLARITY PROTECTION INCORPORATED	INCORPORATED	WIRE-BREAK PROTECTION INCORPORATED
PROTECTION AGAINST TRANSIENTS	1 KV, 0.1 ms, 1 kΩ	OPERATING TEMPERATURE -25°C to +70°C (-13°F to +158°F)
ENCLOSURE METALS NEMA 1, 3, 4, 6, 13 AND IEC IP67	30 g, 11 ms	SOC
SHOCK	30 g, 11 ms	VIBRATION 55 Hz 1 mm AMPLITUDE (IN ALL 3 PLANES)
FUNCTION	LED	SENSING RANGE 2 mm = .079" (NOMINAL)
SWITCHING FREQUENCY 2000 Hz	SWITCHING RANGE 2 mm = .079" (NOMINAL)	REPEATABILITY ≤2% of NOMINAL SENSING RANGE
RED: OUTPUT ENERGIZED	RED: FUNCTION	REPEATABILIT Y
LED PROTECTION	VIBRATION	SHIELDED
MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67	SHOCK	YES



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6. DATE	DATE 4/22/88
7. DESCRIPTION	BRASS BARREL
8. DESIGN	SCALE NONE
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