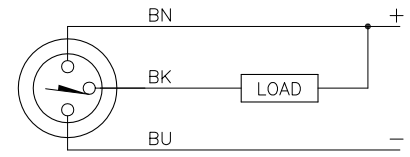
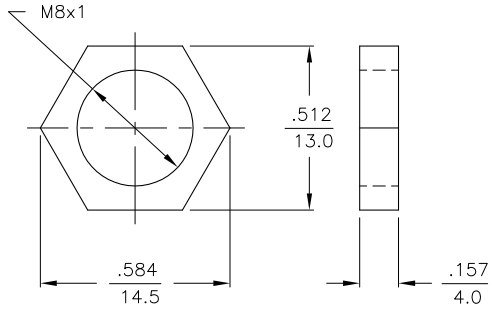
WIRING DIAGRAM



OUTPUT: AN6X

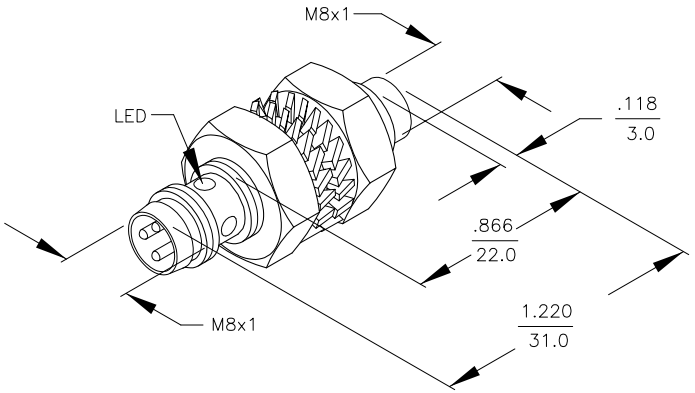
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–SS08



SPECIFICATIONS

OPERATING VOLTAGE	10–30 VDC
RIPPLE	≤10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	1–15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 150 mA
OUTPUT FUNCTION	NORMALLY OPEN 3–WIRE DC SELF–CONTAINED
TTL COMPATIBLE	NO
SHORT–CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥170 mA
CONTINUOUS LOAD CURRENT	≤150 mA
OFF–STATE (LEAKAGE) CURRENT	<10μ A
NO–LOAD CURRENT	1.0–9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤8 ms
POWER–ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	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	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	YELLOW: OUTPUT ENERGIZED
SENSING RANGE	3 mm = .118" (NOMINAL)
SWITCHING FREQUENCY	3000 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO



REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	RDS	11/05/02	5504

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL: STAINLESS STEEL

FINISH

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DRFT: IK | DATE: 2/18/97

DSGN | SCALE: NONE

UNIT OF MEASUREMENT
INCH [MILLIMETER]

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DESCRIPTION: Ni3–EG08K–AN6X–V1131

IDENTIFICATION NO.: S4669750 | REV: A

FILE: S4669750 | SHEET 1 OF 1