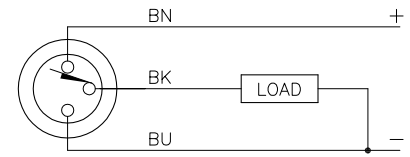
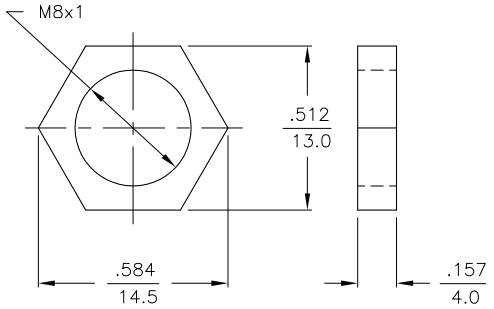
WIRING DIAGRAM



OUTPUT: RP6X

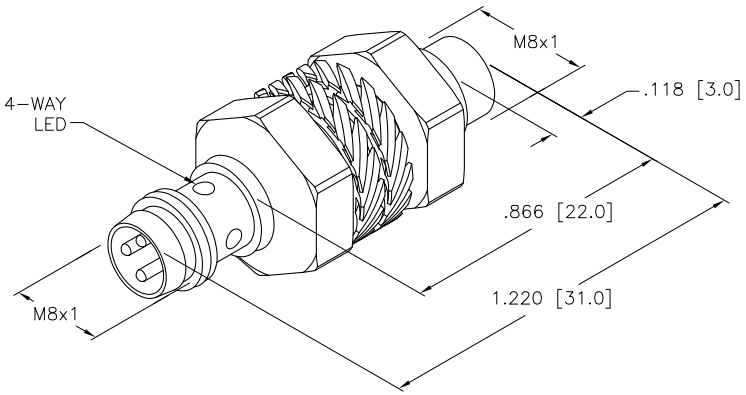
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–SS08



SPECIFICATIONS

RATED OPERATING DISTANCE	3.0 mm = .118" (NOMINAL)
MOUNTING MODE	NON–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
RIPPLE	≤10%
DC RATED OPERATIONAL CURRENT	≤150 mA
NO–LOAD CURRENT	≤15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT–CIRCUIT PROTECTED	YES
MAX VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3–WIRE, NORMALLY CLOSED, PNP
MAX. SWITCHING FREQUENCY	≤ 3.0 kHz
HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L)
ACTIVE FACE MATERIAL	PLASTIC, PA12–GF20
CONNECTION	M8x1
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



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REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	RDS	01/21/08	

RELATED DOCUMENTS
1.
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3RD ANGLE PROJECTION

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MATERIAL: SEE SPECIFICATIONS

FINISH

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DRFT: RDS | DATE: 01/21/08

DSGN: SD | SCALE: NTS

UNIT OF MEASUREMENT
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