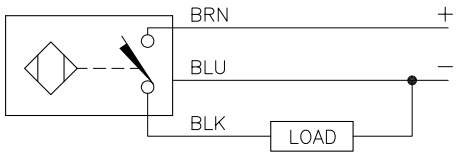
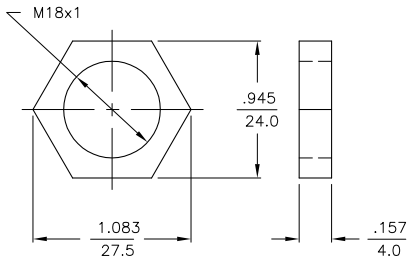
WIRING DIAGRAM



OUTPUT: AP6X2

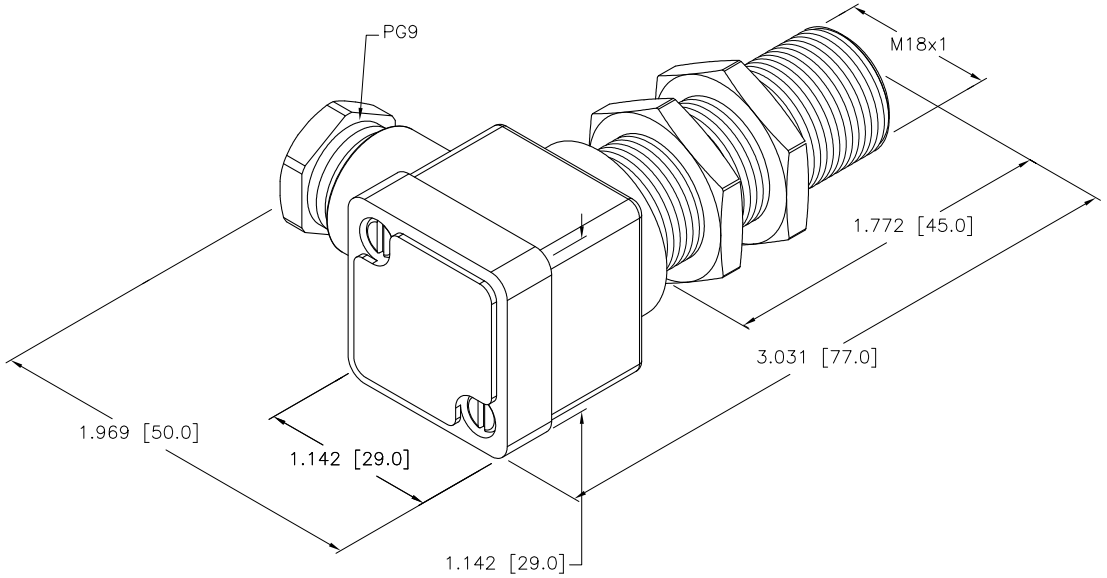
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–M18



SPECIFICATIONS

RATED OPERATING DISTANCE	10mm = .394"
MOUNTING MODE	NON–FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3–15%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO–LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT–CIRCUIT PROTECTION	INCORPORATED
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3–WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	METAL, BRASS/CHROME–PLATED
ACTIVE FACE	PLASTIC, PA12–GF30
TERMINAL CHAMBER COVER MAT'L	PLASTIC, ULTEM
TERMINAL CHAMBER HOUSING MAT'L	PLASTIC, PA12–GF20
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW
OPERATING VOLTAGE DISPLAY	LED, GREEN



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REV	DESCRIPTION	BY	DATE	ECO NO.
A	SEE REVISION DOC. NG18SK	SWC	9/10/93	

RELATED DOCUMENTS
1.
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4.

3RD ANGLE PROJECTION

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MATERIAL

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UNIT OF MEASUREMENT
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NI10–G18SK–AP6X2

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