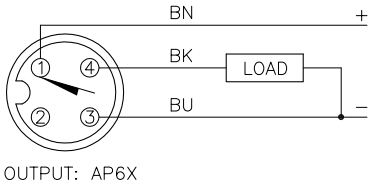
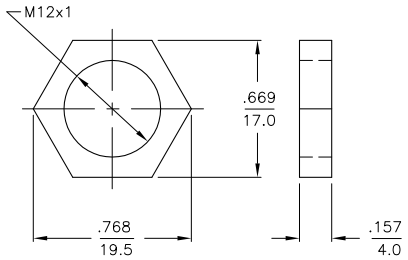
WIRING DIAGRAM



OUTPUT: AP6X

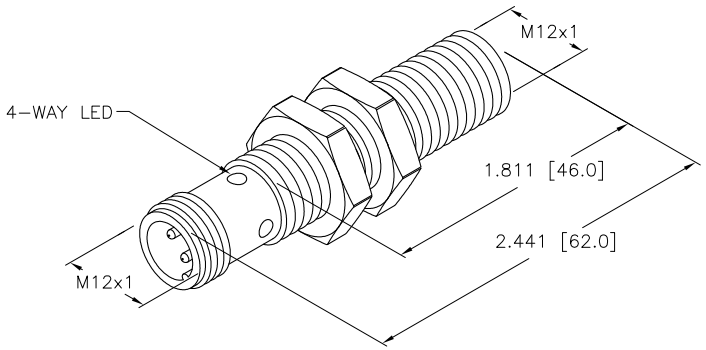
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–M12



SPECIFICATIONS

RATED OPERATING DISTANCE	4mm = 0.157"
HYSTERESIS	3–15%
TEMPERATURE DRIFT	≤±10%
MIN. REPEAT ACCURACY	≤2%
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
MAX. SWITCHING FREQUENCY	≤2.0 kHz
RATED INSULATION VOLTAGE	≤0.5 kV
SHORT–CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE–BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3–WIRE, PNP
HOUSING MATERIAL	METAL, BRASS/CHROME–PLATED
ACTIVE FACE	PLASTIC, PA12–GF30
CONNECTION	M12x1
SHOCK	30 g, 11 ms
VIBRATION	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	02/29/08	

RELATED DOCUMENTS
1.
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3RD ANGLE PROJECTION

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UNIT OF MEASUREMENT
INCH [MILLIMETER]
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DESCRIPTION: BI 4–M12E–AP6X–H1141

IDENTIFICATION NO.: T4608030 | REV: A

FILE: T4608030 | SHEET 1 OF 1