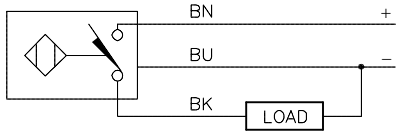
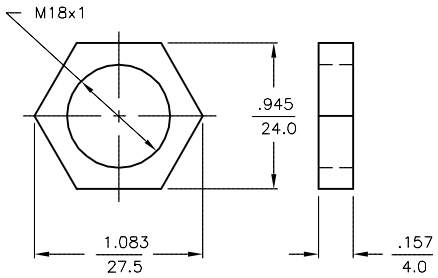
WIRING DIAGRAM



OUTPUT: AP6X

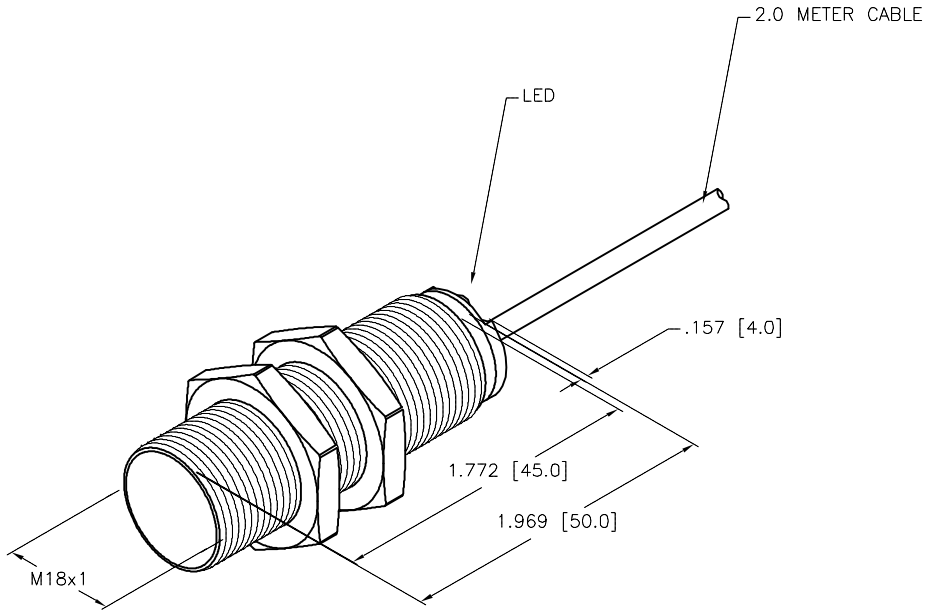
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–M18



SPECIFICATIONS

RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	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	YES
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	BRASS, CHROME PLATED
ACTIVE FACE	PLASTIC, LCP–GF30
END CAP	PLASTIC, EPTR
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW



SOURCE DRAWING – FOR REFERENCE ONLY

REV	DESCRIPTION	BY	DATE	ECO NO.
E	DRAWING PROCESSED AS PART OF ECO 40518	KMY	11/30/12	40518

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL: SEE SPECS

FINISH: SEE SPECS

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CONTACT TURCK FOR MORE INFORMATION

DRFT: CBM | DATE: 9/26/99
APVD: | SCALE: 1=1.0

UNIT OF MEASUREMENT
INCH [MILLIMETER]
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DESCRIPTION: BI 8–M18–AP6X

IDENTIFICATION NO.: T4615030 | REV: E

FILE: T4615030 | SHEET 1 OF 1

Approved 12/07/2012, work order #36008 by J.M.