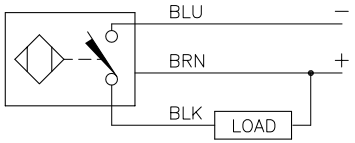
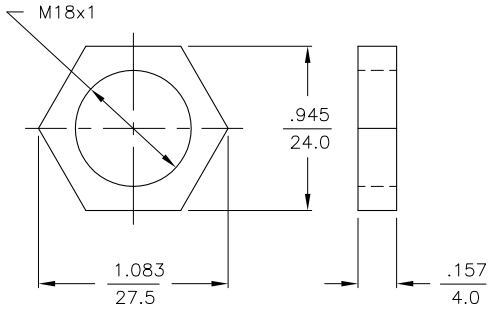
WIRING DIAGRAMS



OUTPUT: AN6X

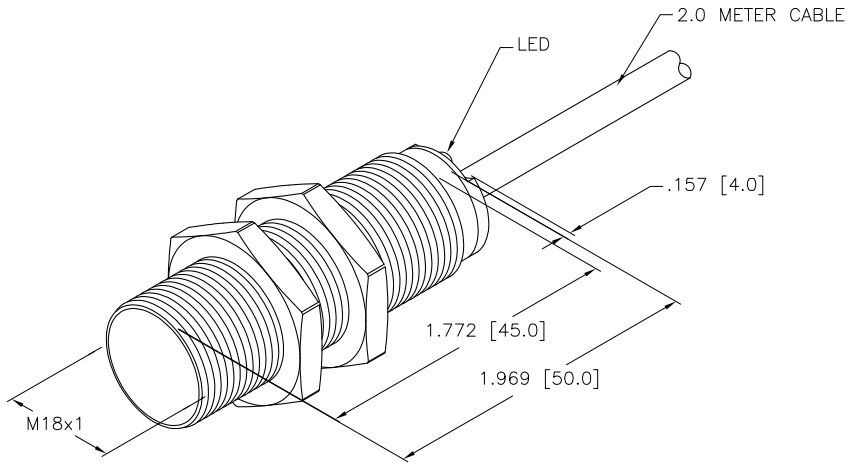
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–M18



SPECIFICATIONS

OPERATING VOLTAGE	10–30 VDC
RIPPLE	≤10%
HYSTERESIS	3–15%
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3–WIRE DC SELF–CONTAINED
TTL COMPATIBLE	NO
SHORT–CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥220 mA
CONTINUOUS LOAD CURRENT	≤200 mA
RESIDUAL CURRENT	<100µ A
NO–LOAD CURRENT	≤15 mA
TIME DELAY BEFORE AVAILABILITY	≤8 ms
POWER–ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE–BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN 60947–5–2
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F) –30°C to +85°C (–22°F to +185°F) W/15% TEMP. DRIFT
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
RATED OPERATING DISTANCE	5 mm = .197"
SWITCHING FREQUENCY	2500 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES



NOTES:

1. UPROX HAS IMMUNITY TO AC AND DC WELD FIELDS.

REV	DESCRIPTION	BY	DATE	ECO NO.
B	UPDATE THREAD LENGTH ON BARREL	RDS	06/15/11	35386

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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TURCK INC
High Technology Sensors and Automation Controls
3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1–800–544–7769
(763) 553–7300
(763) 553–0708 fax
turck.com

MATERIAL: BRASS BARREL

FINISH: COPPER/NICKEL/ CHROME PLATING

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: IK | DATE: 7/18/97

DSGN: | SCALE: 1=1.0

UNIT OF MEASUREMENT
INCH [MILLIMETER]
DO NOT SCALE THIS DRAWING

DESCRIPTION: Bi5U–M18–AN6X

IDENTIFICATION NO.: M1635120 | REV: B

FILE: M1635120 | SHEET 1 OF 1