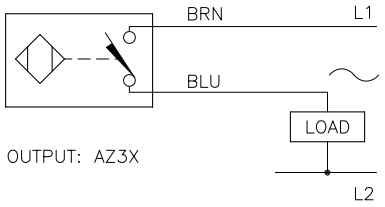
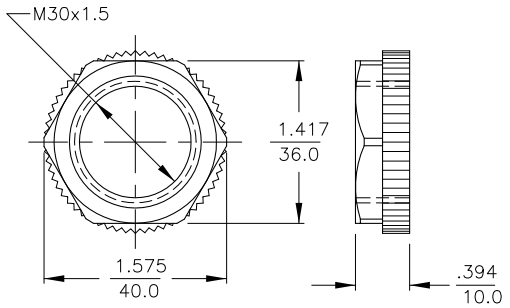
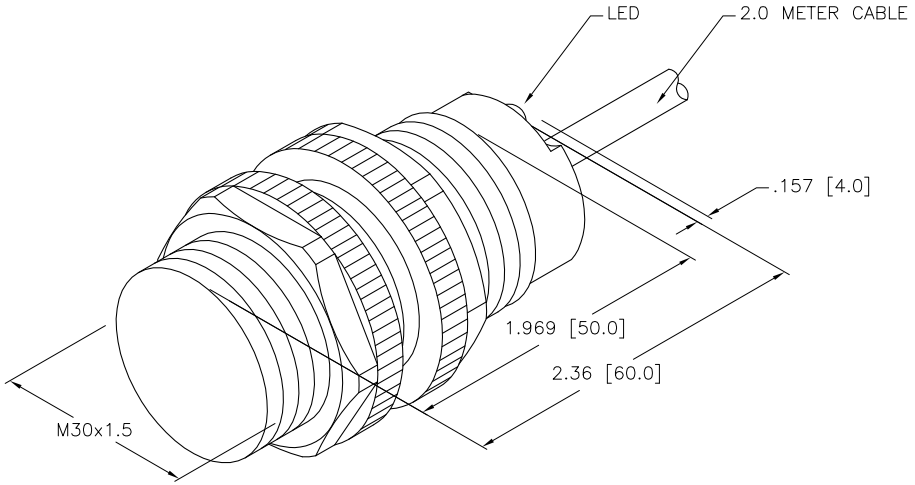
WIRING DIAGRAMS



WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-P30





SPECIFICATIONS

RATED OPERATING DISTANCE	10mm = .394"
MOUNTING MODE	FLUSH
REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE (VAC/VDC)	20-250 VAC/10-300 VDC
OPERATIONAL CURRENT (AC/DC)	≤ 400 mA/≤ 300 mA
MAINS FREQUENCY	50-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 8.0 mA (≤ 10 ms Max. 5 Hz)
MAX. VOLTAGE DROP	≤ 6.0 V
OUTPUT FUNCTION	4-WIRE, NORMALLY OPEN
SMALLES OPERATING CURRENT	≥ 3 mA
SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERAL	PLASTIC, PA12-GF20
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, EPTR
CABLE	ø5.2, LifYY, PVC,
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; YELLOW

REV	DESCRIPTION	BY	DATE	ECO NO.
C	UPDATE OPERATING VOLTAGE, SEE ECO	RWC	08/09/07	18320

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

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CONTACT TURCK FOR MORE INFORMATION

DRFT: GMB | DATE: 10/31/88
DSGN: - | SCALE: 1=1.3

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

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DESCRIPTION: Bi10-S30-AZ3X

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FILE: T4355400 | SHEET 1 OF 1