

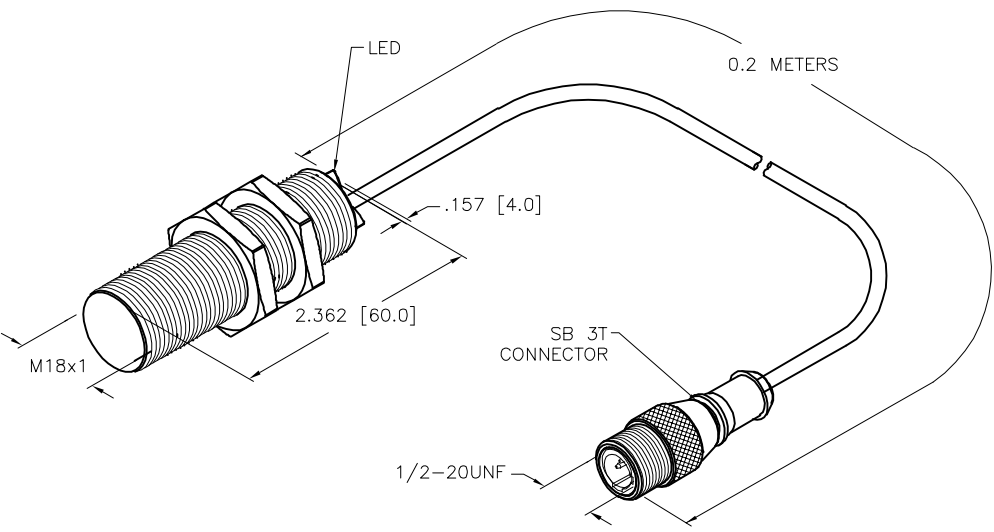
WIRING DIAGRAM

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

LOCKNUT LN-M18

SPECIFICATIONS

RATED OPERATING DISTANCE	5mm [.315"]
MOUNTING MODE	FLUSH
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE (AC/DC)	20-250 VAC/10-300 VDC
RATED OPERATIONAL CURRENT (AC/DC)	≤ 400 mA/≤ 300 mA
MAINS FREQUENCY	40-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 8.0 A (≤ 10 ms MAX. 5 Hz)
MAX. VOLTAGE DROP	≤ 6 V
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN, AC/DC SELF-CONTAINED
SMALLEST OPERATING CURRET	≥ 3 mA
MAX. SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL	METAL, BRASS, CHROME-PLATED
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, RED



SOURCE DRAWING - FOR REFERENCE ONLY

C	UPDATE DESCRIPTION	NF	09/28/20	76193
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS
APVD J.M.

DATE 02/24/12
SCALE 1=1.5

UNIT OF MEASUREMENT
INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE
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TURCK

DESCRIPTION
BI5-G18-AZ3X-0.2-SB3T

IDENTIFICATION NO.
4330496

REV
C

MATERIAL
SEE NOTE

FINISH
SEE NOTE

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