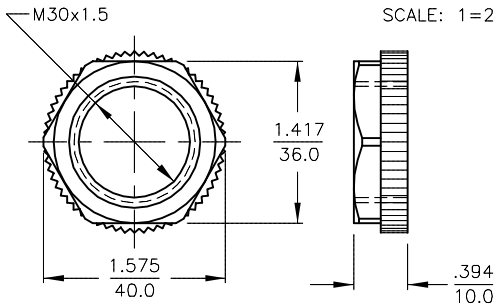
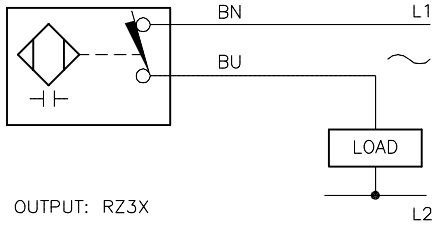
LOCKNUT LN-P30



WIRING DIAGRAM

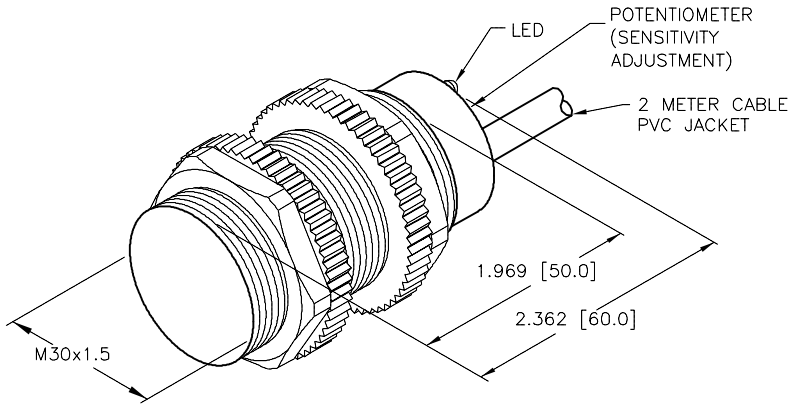


OUTPUT: RZ3X

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

SPECIFICATIONS

OPERATING VOLTAGE	20-250 VAC
RIPPLE	≤10%
DIFFERENTIAL (TRAVEL) HYSTERESIS	2-20% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 7 V at 500 mA
OUTPUT FUNCTION	NORMALLY CLOSED 2 WIRE AC SELF-CONTAINED
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	NO
CONTINUOUS LOAD CURRENT	≤ 500 mA
OFF-STATE (LEAKAGE) CURRENT	≤ 1.7 mA
MIN LOAD CURRENT	≥5.0 mA
TIME DELAY BEFORE AVAILABILITY	≤ 60 ms
POWER-ON EFFECT PROTECTION	Per IEC 947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1,3,4,6,13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (3 PLANES)
LED ON	RED: OUTPUT ENERGIZED
SENSING RANGE	10 mm = .394" (NOMINAL)
SWITCHING FREQUENCY	20 Hz
REPEATABILITY	≤ 2% OF RATED OPERATING DISTANCE
IMMUNITY TO ESD	8 kV DIRECT/ 30 kV AIRBORNE
IMMUNITY TO RFI	15 V/M, 80-1000 MHz
IMMUNITY TO ELECTRICAL FAST TRANSIENTS	3000 V
IMMUNITY TO LINE COUPLED NOISE	>10V, 150 KHz-230 MHz
IMMUNITY TO SURGES	5 kV, 500 Ω DC



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES: 1. MATERIALS:
BARREL - PA12-GF30 PLASTIC
LOCKNUTS - PA12-GF30 PLASTIC
END CAP - TPU PLASTIC

REV	DESCRIPTION	BY	DATE	ECO NO.
C	DRAWING PROCESSED AS PART OF ECO 40019	KMY	09/25/12	40019

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: SEE NOTES

FINISH: SEE NOTES

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: JBJ | DATE: 10/29/02
APVD: | SCALE: 1=1.3

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

DESCRIPTION: BCF10-S30-RZ3X

IDENTIFICATION NO.: M2506013 | REV: C

FILE: M2506013 | SHEET 1 OF 1

Approved 09/25/2012, work order #33742 by K.H.