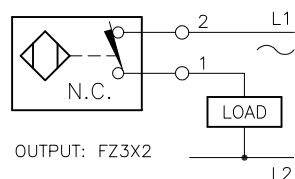
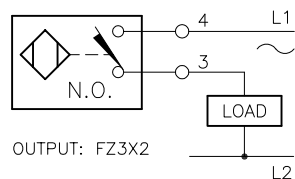


WIRING DIAGRAMS

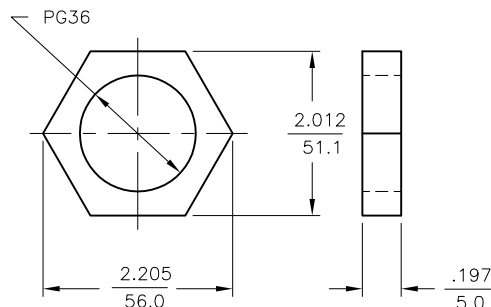


—OR—



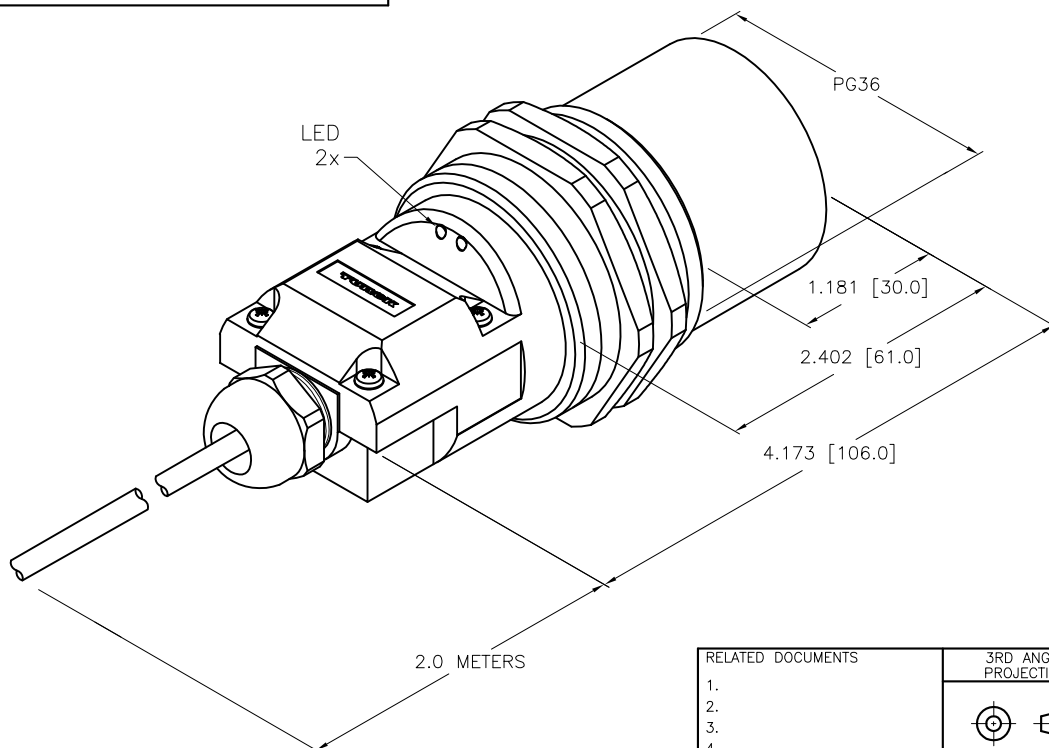
WARNING: NO SHORT-CIRCUIT PROTECTION.
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR

LOCKNUT LN-PG36



SPECIFICATIONS

RATED OPERATING DISTANCE	40 mm = 1.575"
MOUNTING MODE	NON-FLUSH
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
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 AC/≤ 300 mA DC
FREQUENCY	≥ 50kHz ≤ 60 kHz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 8.0 mA (≤ 10 ms MAX. 5 Hz)
VOLTAGE DROP	≤ 6.0 V
OUTPUT FUNCTION	2-WIRE, CONNECTION PROGRAMMABLE
SMALLEST OPERATING CURRENT	≥ 3.0 mA
SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL/PLATING	BRASS/NICKEL
ACTIVE FACE	PLASTIC, PA12-GF30
VIBRATION RESISTANCE	<55 Hz, <1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	<30 g, <11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: RED
OPERATING VOLTAGE DISPLAY	LED: GREEN



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
	MATERIAL BRASS BARREL	DRFT NF	DATE 09/02/15	DESCRIPTION NI40-G47SR-FZ3X2/PNO 2M	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD A.F.	SCALE 1=1.3	UNIT OF MEASUREMENT INCH [MILLIMETER]	
CONTACT TURCK FOR MORE INFORMATION		IDENTIFICATION NO. 13428000		REV B	
DO NOT SCALE THIS DRAWING		FILE: 13428000		SHEET 1 OF 1	

B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17	
REV	DESCRIPTION	BY	DATE	ECO NO.