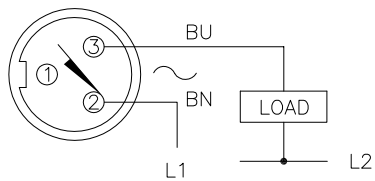
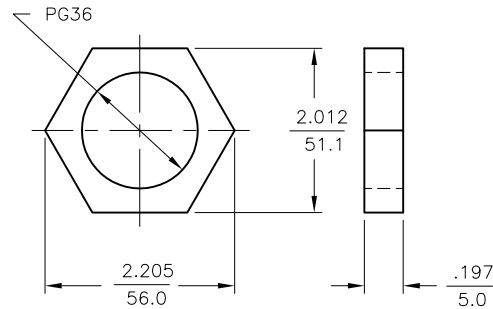


WIRING DIAGRAM



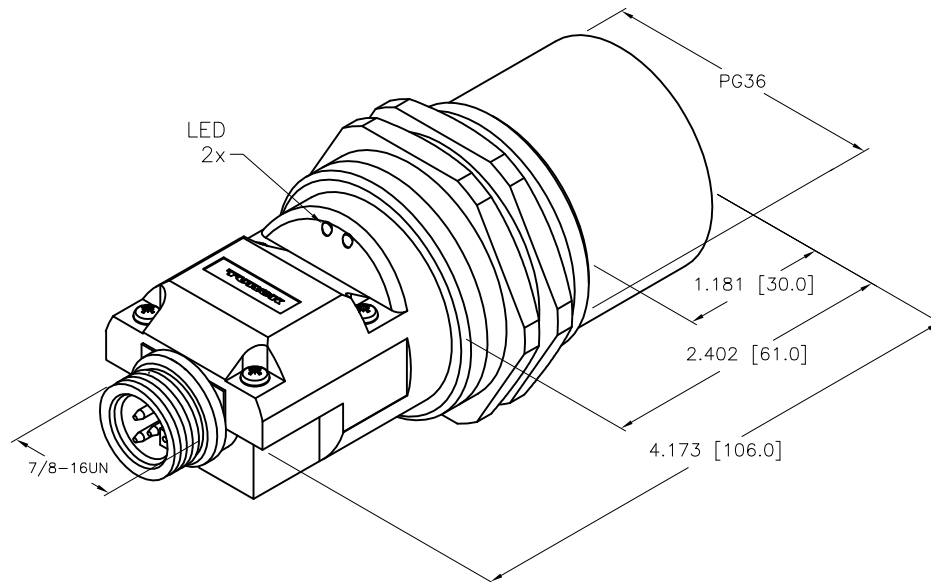
WARNING: NO SHORT-CIRCUIT PROTECTION.
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-PG36

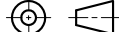


SPECIFICATIONS

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	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	
1. 2. 3. 4.							
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	RDS	DATE	12/10/13	DESCRIPTION NI40-G47SR-FZ3X2-B1131	
FINISH		APVD	A.F.	SCALE	1=1.3		
	UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING				IDENTIFICATION NO. 1342890		REV B
		FILE: 1342890				SHEET 1 OF 1	

B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.