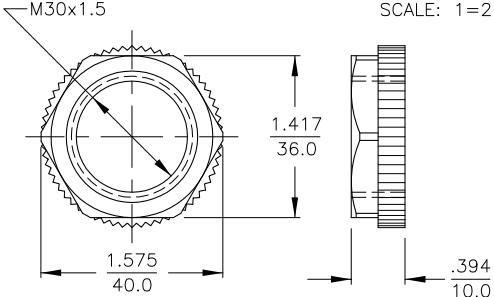
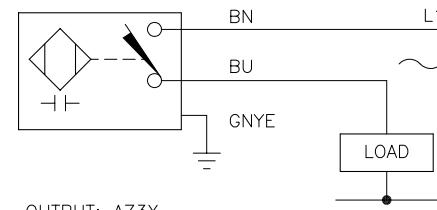


LOCKNUT LN-P30



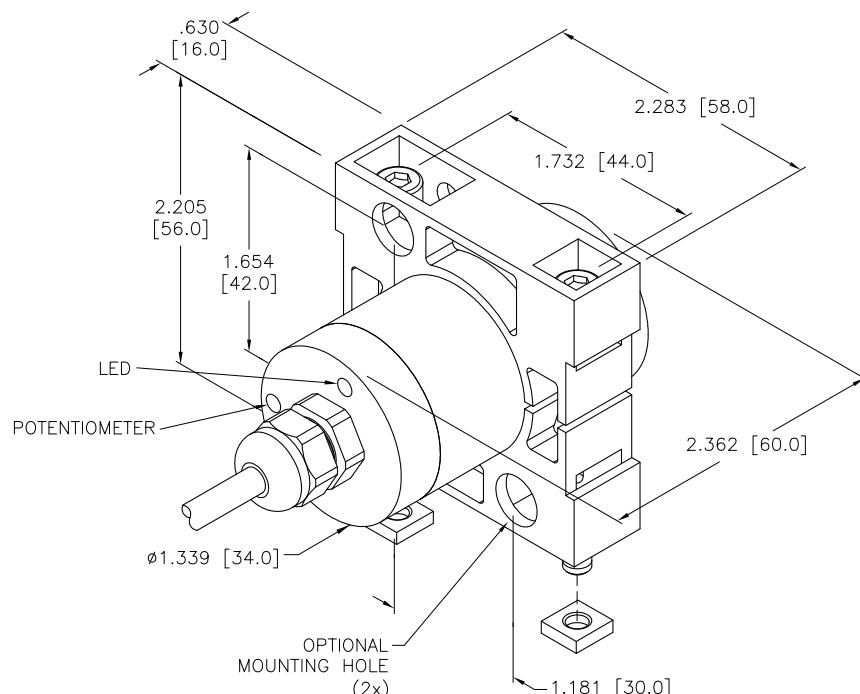
WIRING DIAGRAM



OUTPUT: AZ3X
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 OPEN 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	15 mm = .591" (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

RELATED DOCUMENTS		3RD ANGLE PROJECTION	THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		DESCRIPTION	BCF15-K34-AZ3X
1.	2.		3.	4.		
PA12-GF30	PLASTIC		DRFT	RDS	DATE	04/23/03
			DSGN		SCALE	NONE
					UNIT OF MEASUREMENT	
					INCH [MILLIMETER]	
					DO NOT SCALE THIS DRAWING	
					IDENTIFICATION NO.	M2502136
					REV	B
					FILE: M2502136	SHEET 1 OF 1