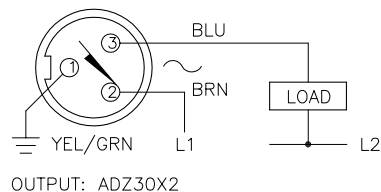
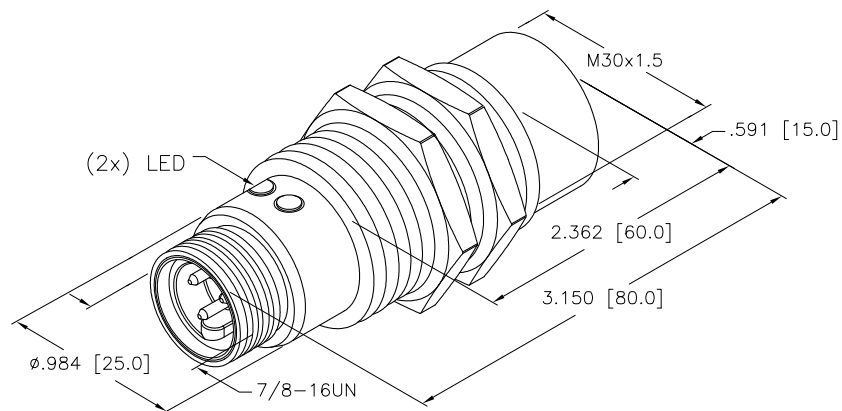
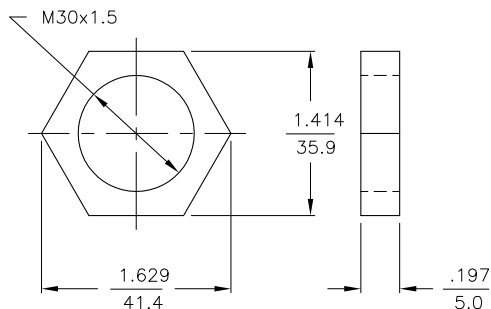


WIRING DIAGRAMS



SHORT-CIRCUIT AND OVERLOAD PROTECTED

STAINLESS STEEL M30 LOCKNUT

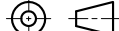


SPECIFICATIONS

OPERATING VOLTAGE	20-250 VAC 10-300 VDC
LINE FREQUENCY	40-60 Hz
HYSTERESIS	3-15%
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤6.0 V at 400 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC/DC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 440 mA
CONTINUOUS LOAD CURRENT	400 mA AC 300 mA DC
RESIDUAL CURRENT	≤ 1.7 mA
MINIMUM LOAD CURRENT	≥ 3.0 mA
INRUSH CURRENT	≤ 4.0 A (≤ 20 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	≤ 120 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	YES
OPERATING TEMPERATURE	-25°C to +70°C (±10% DRIFT) -30°C to +85°C (±15% DRIFT)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP 67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	GREEN = POWER ON GREEN FLASHING = SHORT-CIRCUIT WARNING YELLOW = OUTPUT ENERGIZED
RATED OPERATING DISTANCE	20 mm = .787"
SWITCHING FREQUENCY	20 Hz
REPEATABILITY	≤ 2% OF RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO

NOTES:

1. WELD FIELD IMMUNE. SENSORS IS SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION			THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	TURCK INC <i>High Technology Sensors and Automation Controls</i> 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
MATERIAL BRASS BARREL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	JB	DATE	9/25/97	DESCRIPTION Ni20U-G30-ADZ30X2-B1131
		DSGN		SCALE	1=1.3	
FINISH COPPER/NICKEL/ CHROME PLATING	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]			IDENTIFICATION NO. M4281812	
			DO NOT SCALE THIS DRAWING			REV C
		FILE: M4281812			SHEET 1 OF 1	