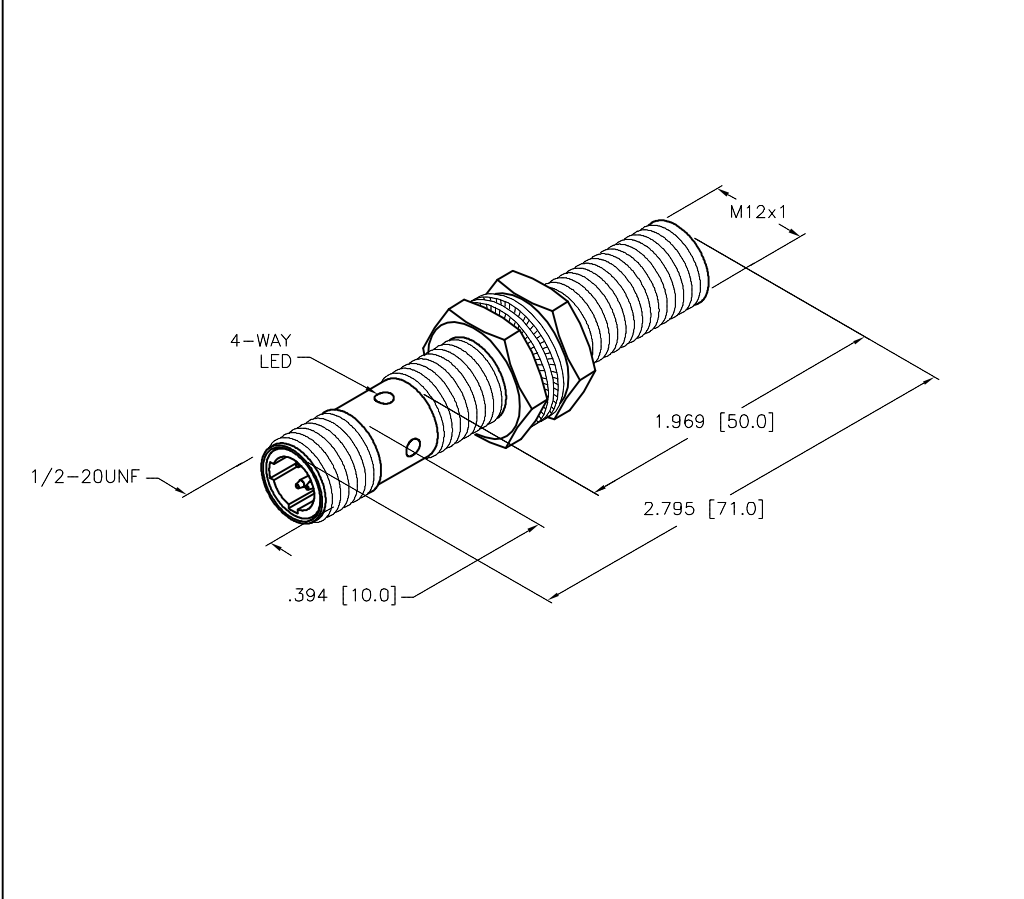


SPECIFICATIONS	
OPERATING VOLTAGE	20-250 VAC/10-300 VDC
LINE FREQUENCY	40-60 Hz
HYSTERESIS	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤6.0 V AT 100 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC SELF CONTAINED
SHORT-CIRCUIT PROTECTED	YES
CONTINUOUS LOAD CURRENT	≤100 mA
OVERLOAD TRIP CURRENT	>220 mA
RESIDUAL CURRENT	≤1.7 mA
MINIMUM LOAD CURRENT	≥3.0 mA
INRUSH CURRENT	≤1.0 A (≤30 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	≤60 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	PER EN 60947-5-2
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
LED FUNCTION	RED = OUTPUT ENERGIZED RED FLASHING = OUTPUT SHORTED
RATED OPERATING DISTANCE	2 mm (.079")
SWITCHING FREQUENCY	20 Hz
REPEATABILITY	≤2% OF RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES



SOURCE DRAWING - FOR REFERENCE ONLY

- NOTES:
1. "/S34" DESIGNATES WELD FIELD IMMUNITY. SENSOR IS SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.
 2. MATERIALS:
PTFE-COATED BRASS BARREL
PTFE-COATED BRASS CONNECTOR
PTFE-COATED BRASS LOCKNUTS
PTFE-COATED LOCKWASHERS
 3. ALL DIMENSIONAL TOLERANCES: ±1.0 mm.

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		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	
1.		DRFT	CBM	DATE	10/24/97
2.		APVD		SCALE	1=1.0
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		DESCRIPTION	
4.		INCH [MILLIMETER]		BI 2-GT12-ADZ32X-B3131/S34	
MATERIAL	SEE NOTES			IDENTIFICATION NO.	T4205005
FINISH	SEE NOTES	CONTACT TURCK FOR MORE INFORMATION		REV	D
		DO NOT SCALE THIS DRAWING		FILE: T4205005	SHEET 1 OF 1

D	UPDATE SWITCHING FREQUENCY SPEC	RDS	03/20/13	41657
REV	DESCRIPTION	BY	DATE	ECO NO.