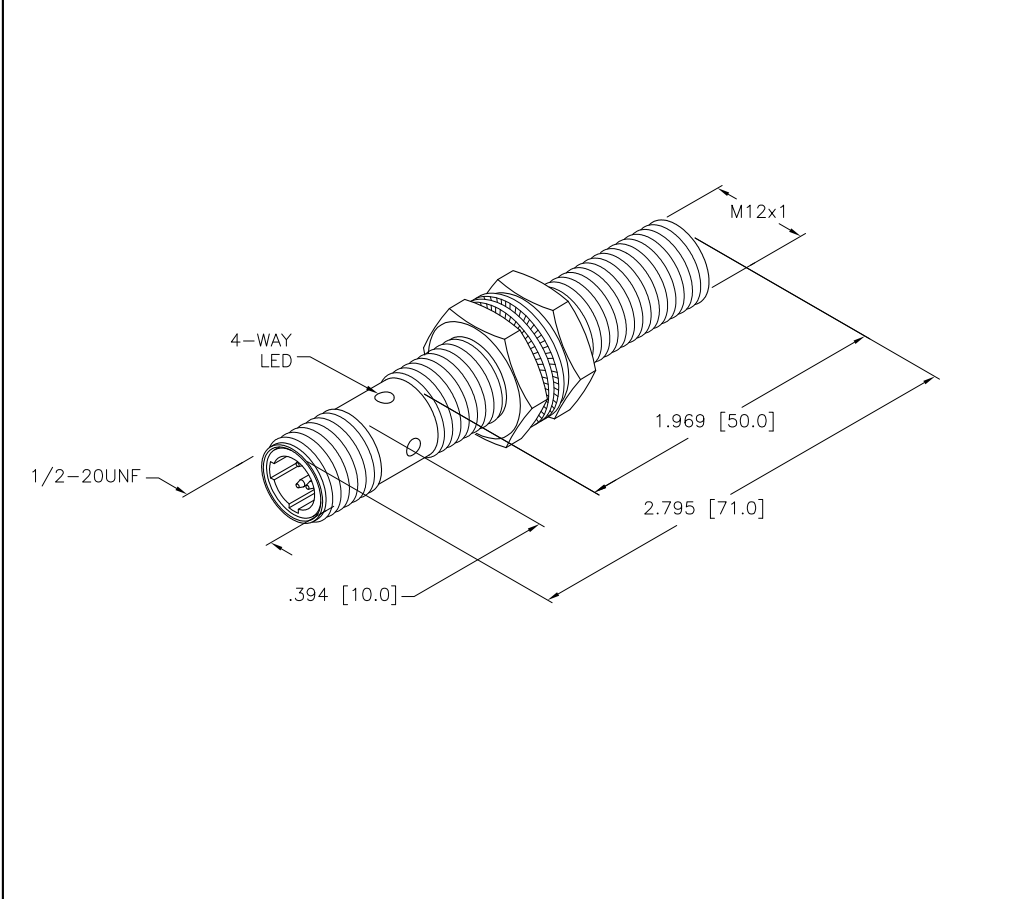


SPECIFICATIONS	
OPERATING VOLTAGE	20-250 VAC/10-300 VDC
LINE FREQUENCY	40-60 Hz
HYSTERESIS	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤6.0 V AT 100 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC SELF CONTAINED
SHORT-CIRCUIT PROTECTED	YES
CONTINUOUS LOAD CURRENT	≤100 mA
OVERLOAD TRIP CURRENT	>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	60 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:  
 TEFLON- COATED BRASS BARREL  
 TEFLON- COATED BRASS CONNECTOR  
 TEFLON- COATED BRASS LOCKNUTS  
 TEFLON- COATED LOCKWASHERS
  3. ALL DIMENSIONAL TOLERANCES: ±1.0 mm.

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.		<b>TURCK INC</b> <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 SEE NOTES	DRFT APVD	CBM	DATE 10/24/97	DESCRIPTION BI 2-GT12-ADZ32X-B3131/S34
FINISH SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		IDENTIFICATION NO. T4205005	REV B
B UPDATE TO 4-WAY LED BARREL	RDS	12/12/11	36253	DO NOT SCALE THIS DRAWING	
REV DESCRIPTION	BY	DATE	ECO NO.	FILE: T4205005	SHEET 1 OF 1