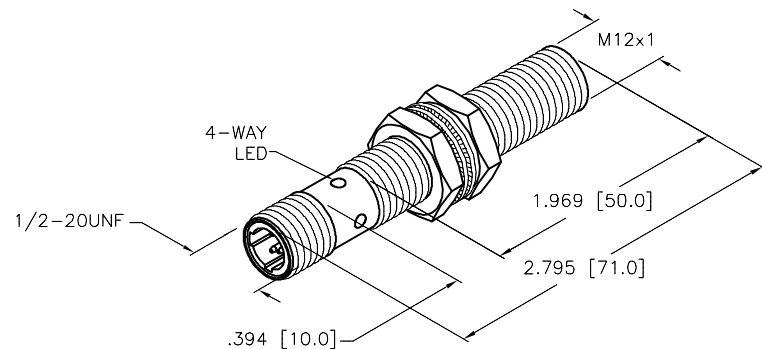


SPECIFICATIONS	
OPERATING VOLTAGE	20-250 VAC/10-300 VDC
LINE FREQUENCY	40-60 Hz
HYSTERESIS	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤6.0 V AT 100 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC SELF CONTAINED
SHORT-CIRCUIT PROTECTED	YES
CONTINUOUS LOAD CURRENT	≤100 mA
OVERLOAD TRIP CURRENT	>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
VIBRATION	55 Hz, 1 mm AMPLITUDE (ALL 3 PLANES)
LED FUNCTION	RED = OUTPUT ENERGIZED
RATED OPERATING DISTANCE	2 mm (.079") NOMINAL
SWITCHING FREQUENCY	20 Hz
REPEATABILITY	≤2% OF RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES



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.

SOURCE DRAWING - FOR REFERENCE ONLY

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.		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	
	MATERIAL SEE NOTES	DRFT RDS APVD	DATE 08/19/02 SCALE NONE	DESCRIPTION Bi 2-GT12H-ADZ32X-B3131/S34	
FINISH SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. T4205093	REV D
D UPDATE SWITCHING FREQUENCY SPEC.	RDS 03/20/13	41657	DO NOT SCALE THIS DRAWING		
REV DESCRIPTION	BY DATE ECO NO.	FILE: T4205093		SHEET 1 OF 1	