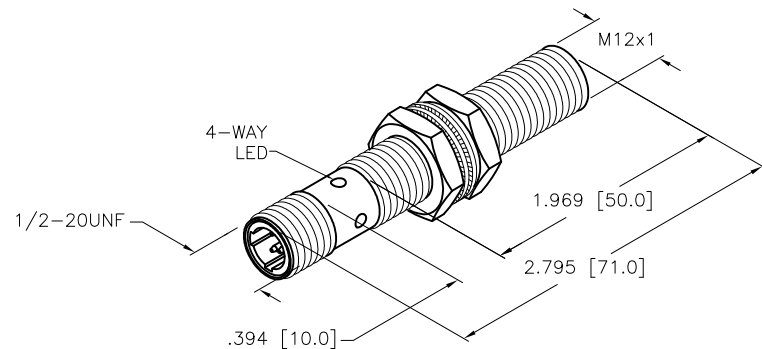


SPECIFICATIONS

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.	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT RDS	DATE 08/19/02	DESCRIPTION B12-GT12H-ADZ32X-B3131/S34
FINISH SEE NOTES	CONTACT TURCK FOR MORE INFORMATION	APVD	SCALE NONE	IDENTIFICATION NO. 4205093
		UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		REV E
		DO NOT SCALE THIS DRAWING		FILE: 4205093
				SHEET 1 OF 1

E	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	02/20/18	
REV	DESCRIPTION	BY	DATE	ECO NO.