

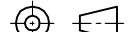
SPECIFICATIONS	
OPERATING VOLTAGE	10-65 V DC (SHORT-CIRCUIT PROTECTED)
RIPPLE	≤ 10%
HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	2.0 V at 200 mA (1.3 V TYPICAL)
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	250-350 mA
CONTINUOUS LOAD CURRENT	≤ 200 mA
LEAKAGE CURRENT	<10µ A
NO-LOAD CURRENT	7.5 mA TYP. (24 V DC) 10.0 mA TYP. (65 V DC)
POWER-ON EFFECT PROTECTION	INCORPORATED
POLARITY INVERSION PROTECTION	INCORPORATED
WIRE BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	<2 kV <1 ms <1 J
OPERATING TEMPERATURE	-25°C to +75°C (-13°F to +167°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	≤ 30 g, 11 ms
VIBRATION	10 Hz to 55 Hz ≤ 1 mmAMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	YELLOW: OUTPUT ENERGIZED GREEN: POWER ON
SENSING RANGE	2 mm = .079" (NOMINAL)
SWITCHING FREQUENCY	30 Hz (APPROX.)
REPEATABILITY	<1%
OPERATING PRESSURE	1500 PSI (MAX. APPLIED 3000 PSI)
RESPONSE TIME	15 ms MAX.
SHIELDED	YES
COLOR CODE	--
MATING PLUGS/CABLES	4-PIN "MINI" CONSTRUCTION

SOURCE DRAWING - FOR REFERENCE ONLY

2. ROTATION CAPABILITY OF THE CRS SENSOR IS 360°.

NOTES: 1. "/S34" DESIGNATES WELD FIELD IMMUNITY. SENSOR IS SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.

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REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS  1. <b>NOTE</b> 2. <b>PRELIMINARY</b> 3. <b>SPECIFICATIONS</b> 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 SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY  CONTACT TURCK FOR MORE INFORMATION	DRFT GMB	DATE 02/25/88	DESCRIPTION BI 2-CRS476-AP4X2-B1141/S34
FINISH  SEE SPECIFICATIONS	APVD A.F.		SCALE 1=1.5		
			UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>  DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.  T4580094
				REV  E	
				FILE: T4580094	
				SHEET 1 OF 1	