AC - 2 WIRE WELD IMMUNE LIMIT STYLE Trogamid T Housing 20-250V AC, 500mA 2 LEDs for Operating Voltage and Output Energized

- 9 rotatable sensing head positions
- Programmable NO/NC outputs
- Circuitry that protects for electro magnetic performance
- Carries (E mark

	Flush Mount	Partially Flush Mount
Sensing Distance	15mm (.59 in.)	25mm (.98 in.)
Cable or Connector Style Cat. No.	Screw Terminals	Screw Terminals
(Programmable NO/NC)	9853-5831	9853-5931
Voltage Range	20V - 250V AC	20V - 250V AC
Operating Frequency	50 - 60Hz	50 - 60Hz
Supply Curent	≤2 mA	≤2 mA
Maximum Load Current	500 mA	500 mA
Voltage Drop Across Sensor	≤5V	≤5V
Short Term Current (20 ms, 1Hz)	8A	8A
Maximum Leakage Current	≤2 mA	≤2 mA
Switching Frequency	15Hz	15Hz
Hysterisis	≤15%	≤15%
Temperature Drift	≤10%	≤10%
Repeatability	.75mm (.03in.)	1.25mm (.049 in.)

• IEC (529) IP67 (NEMA 1, 3, 4, 6, 12, 13) Protection

• Temperature Range: -25 to 70°C (-13 to 158°F)

Metric/in. Conversion Table

5.0 mm	=	.20 in.	60 mm	= 1.61 in. = 2.36 in. = 4.76 in.
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This table converts millimeters to inches in reference to the illustrations included on these pages

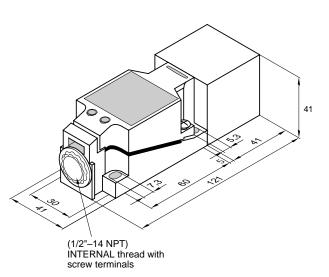
Accessories

Mounting Brackets - see Pages 114-115

Note: Sensor dimensions in mm.

Screw Terminals

Screw terminals are located internally in housing for wire connections



Wiring Diagrams

