

**942-T4N-2D-1C1-130E**

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Series 942-T, 3500 mm [138.0 in] scan distance, M30 plastic housing , connector termination, one analog output (4 mA to 20 mA or 0 Vdc to 10 Vdc), two PNP switching outputs and an RS232 digital link

Actual product appearance may vary.

**Product Specifications**

Sensing Range	350 mm to 3500 mm [14.0 in to 138.0 in]
Range Type	Long range > 2,0 m [80.0 in] and up
Min. Sensing Distance of Test Target	350 mm [13.77]
Adjustable Dead Zone	Programmable
Supply Voltage	19 Vdc to 30 Vdc
Beam Angle	8°
Oscillating Frequency	130 KHz
Integrated Temperature Compensation	Yes
Repeatability	± 0.4 % ± 2,0 mm [0.079 in]
Output Type	Analog 0 Vdc to 10 Vdc RS-232 Interface Sw itching 2 x PNP
Sw itching Output Type	2 Outputs - Program for Normally Open/Normally Closed
Response Time	120 ms (target moving < 1 m/s)
Response Time (Target Present/Absent)	500 ms
Max. Sw itching Frequency	0.8 Hz
Adjustment Method	PC softw are
Analog Output Slope Selection	PC softw are
Operating Temperature	-15 °C to 70 °C [5 °F to 158 °F]
Storage Temperature	-25 °C to 85 °C [-13 °F to 185 °F]
Linearity	± 0.5 % ± 3,0 mm [0.118 in]
Load Resistance	> 1 Kohm
Maximum Output Current	100 mA
Hysteresis	Programmable by softw are (default 2 %)
Adjustable Sensitivity	No
Indicators	1 LED
Additional Inputs/Outputs	Hold/Synchronisation
Computer Interface	RS-232, 3 w ire
Memory	EEPROM (non-volatile)
Current Consumption	35 mA maximum
Circuit Protection	Reverse Polarity, voltage spikes on supply and output lines, short circuit on sw itching output
Housing Style	M30 plastic
Housing Material	Polyethylenterephthalat

### Product Specifications

Sealing	IP67 (Head), IP65 (Connector)
Mounting	2 x M30 plastic nuts 36 mm
Sensing Face Material	Epoxy
Termination Type	Connector
Connector Type	Binder 8-pin (female connector included)
Availability	Global
Normally Open/Normally Closed selection	Software
UNSPSC Code	41111960
UNSPSC Commodity	41111960 Ultrasonic sensor
Series Name	942