

943-T4V-2D-002-130E

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Series 943, software programmable, 300 mm to 3500 mm [11.8 in to 137.7 in] scan distance, M30 plastic housing, switching 2 x NPN, Connector termination

Actual product appearance may vary.

Product Specifications

Sensing Range	300 mm to 3500 mm [11.8 in to 137.7 in]
Range Type	Long range > 2,0 m [80.0 in] and up
Min. Sensing Distance of Test Target	300 mm [11.81]
Supply Voltage	12 Vdc to 30 Vdc
Beam Angle	8°
Oscillating Frequency	130 KHz
Integrated Temperature Compensation	Yes
Repeatability	0.2 %/2 mm
Output Type	Sw itching 2 x NPN
Sw itching Output Type	2 Outputs - Configure for Normally Open/Normally Closed
Max. Sw itching Frequency	1 Hz
Adjustment Method	Teach-in
Operating Temperature	-15 °C to 70 °C [5 °F to 158 °F]
Storage Temperature	-25 °C to 70 °C [-13 °F to 158 °F]
Maximum Output Current	500 mA
Hysteresis	0.01
Indicators	3 LED
Memory	EEPROM (non-volatile)
Current Consumption	< 80 mA
Circuit Protection	Reverse Polarity, voltage spikes on supply and output lines, short circuit on sw itching output
Housing Style	M30 plastic
Housing Material	Polyethylenterephthalat
Sealing	IP67
Mounting	2 x M30 plastic nuts 36 mm
Sensing Face Material	Epoxy
Termination Type	Connector
Connector Type	M12, 5 pin (female connector not included)
Availability	Global

Product Specifications

Normally Open/Normally Closed
selection

Teach-in

UNSPSC Code

41111960

UNSPSC Commodity

41111960 Ultrasonic sensor

Series Name

943