

**943-F4V-2D-002-300E**

 ( [Home](#) : [Products](#) : [Sensors](#) : [Position Sensors](#) : [Ultrasonic Sensors](#) : [943](#) )


**Series 943, software programmable, 100 mm to 800 mm [3.9 in to 31.4 in.] scan distance, M18 plastic housing, switching 2 x NPN, Connector termination**

Actual product appearance may vary.

**Product Specifications**

Sensing Range	100 mm to 800 mm [3.9 in to 31.4 in.]
Range Type	Short range < 1,0 m [39.0 in]
Min. Sensing Distance of Test Target	100 mm [3.94]
Supply Voltage	12 Vdc to 30 Vdc
Beam Angle	8°
Oscillating Frequency	300 KHz
Integrated Temperature Compensation	Yes
Repeatability	0.2 %/1 mm
Output Type	Sw itching 2 x NPN
Sw itching Output Type	2 Outputs - Configure for Normally Open/Normally Closed
Max. Sw itching Frequency	4.7 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	M18 plastic
Housing Material	Polyethylenterephtalat
Sealing	IP67
Mounting	2 x M18 plastic nuts 24 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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Proximity Sensors](#) category:*

*Click to view products by [Honeywell](#) manufacturer:*

Other Similar products are found below :

[01.001.5653.1](#) [70.340.1028.0](#) [70.360.2428.0](#) [70.364.4828.0](#) [70.810.1053.0](#) [72.360.1628.0](#) [73.363.6428.0](#) [8027AL20NL2CPXX](#) [FYCC8E1-2](#)  
[9221350022](#) [922AA2W-A9P-L](#) [PLS2](#) [GL-12F-C2.5X10\(LOT3\)](#) [972AB2XM-A3N-L](#) [972AB3XM-A3P-L](#) [PS3251](#) [980659-1](#) [QT-12](#) [E2E2-](#)  
[X5M41-M4](#) [E2E-X14MD1-G](#) [E2E-X2D1-G](#) [E2EX2ME2N](#) [E2EX3D1SM1N](#) [E2E-X4MD1-G](#) [E2E-X5E1-5M-N](#) [E2E-X5Y2-N](#) [E2E-X7D1-](#)  
[M1J-T-0.3M-N](#) [E2FMX1R5D12M](#) [E2K-F10MC1](#) [5M](#) [EH-302](#) [EI3010TBOP](#) [EI5515NPAP](#) [MS605AU](#) [EP175-32000](#) [BSA-08-25-08](#)  
[IFRM04N35B1/L](#) [IFRM04P1513/S35L](#) [IFRM06P1703/S35L](#) [IFRM08P1501/S35L](#) [IFRM12N17G3/L](#) [IFRM12P17G3/L](#) [IFRM12P3502/L](#)  
[IFRM12P37G1/S14L](#) [ILFK12E9189/I02](#) [ILFK12E9193/I02](#) [IMM2582C](#) [OISN-013](#) [25.161.3253.0](#) [25.332.0653.1](#) [25.352.0653.0](#)