

947-F4V-2D-1C0-300E

 ([Home](#) : [Products](#) : [Sensors](#) : [Position Sensors](#) : [Ultrasonic Sensors](#) : [940-F/947](#))


Series 940-F/947, 600 mm [24.0 in] scan distance, Plastic M18, Connector M12, analog output (0 Vdc to 10 Vdc), no adjustment

Actual product appearance may vary.

Product Specifications

Sensing Range	100 mm to 600 mm [4.0 in to 24.0 in]
Range Type	Short range < 1,0 m [39.0 in]
Supply Voltage	19 Vdc to 30 Vdc
Beam Angle	8°
Oscillating Frequency	300 KHz
Integrated Temperature Compensation	No
Repeatability	0.2 % ± 2,0 mm [0.079 in]
Output Type	Analog 0 Vdc to 10 Vdc
Response Time	50 ms (at 90 %)
Adjustment Method	None (fixed sensitivity 20 mV/mm)
Analog Output Slope Selection	No
Operating Temperature	-15 °C to 70 °C [5 °F to 158 °F]
Storage Temperature	-25 °C to 75 °C [-13 °F to 167 °F]
Linearity	< 0.3 %
Load Resistance	> 1 Kohm
Indicators	No
Additional Inputs/Outputs	Hold/Synchronisation
Current Consumption	35 mA maximum
Circuit Protection	Reverse Polarity, voltage spikes on supply and output lines
Housing Style	M18 plastic
Housing Material	Polyethylenerephthalat
Sealing	IP67
Mounting	2 x M18 plastic nuts 24 mm
Sensing Face Material	Epoxy
Termination Type	Connector
Connector Type	M12, 4 pin (female connector included)
Availability	Global
UNSPSC Code	41111960
UNSPSC Commodity	41111960 Ultrasonic sensor
Series Name	940-F/947

