

Product Life Status : **END OF STANDARD SERVICE**

TODAY
FEB 22, 2021

End of Commercialization
DEC 08, 2020

End of Standard Service
DEC 08, 2020



Main

Range of product	OsiSense XX
Sensor type	Ultrasonic sensor
Series name	General purpose
Sensor name	XX9
Sensor design	Cylindrical M30
Detection system	Diffuse
[Sn] nominal sensing distance	1 m adjustable with teach push-button
Material	Metal
Type of output signal	Analogue
Wiring technique	4-wire
Analogue output function	4...20 mA
Electrical connection	Male connector M12 4 pins
Beam angle	10 °
IP degree of protection	IP65 conforming to IEC 60529

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Complementary

Enclosure material	Stainless steel 303
Front material	Silicone
Supply voltage limits	14...28 V DC
Transmission frequency	200 kHz
Repeat accuracy	0.9 %
Minimum size of detected object	Cylinder diameter 1.6 mm
Status LED	Setting-up assistance: 1 LED (dual colour) Supply on: 1 LED (green) Output state: 1 LED (yellow)
Current consumption	60 mA
Setting-up	Slope selection using teach button
Maximum delay first up	720 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Marking	CE
Threaded length	45 mm
Net weight	0.095 kg



Environment

Standards	IEC 60947-5-2
Product certifications	CCSAus UL
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-40...80 °C
Vibration resistance	+/-1 mm conforming to IEC 60068-2-6 (f = 10...55 Hz)
Shock resistance	30 gn in all 3 axes for 11 ms conforming to IEC 60068-2-27
Resistance to electrostatic discharge	8 kV level 4 conforming to IEC 61000-4-2
Resistance to electromagnetic fields	10 V/m level 3 conforming to IEC 61000-4-3
Resistance to fast transients	1 kV level 3 conforming to IEC 61000-4-4

Packing Units

Package 1 Weight	117.934 g
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Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes