



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

TODAY
FEB 21, 2021

End of Commercialization
JAN 06, 2021

End of Standard Service
JAN 12, 2021



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	3-wire
Output circuit type	DC
Protection type	Short-circuit protection
Sensor name	XS3
Sensor design	Cylindrical M12
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NO
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	5...200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

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Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Maximum residual current	1.5 mA open state
Maximum voltage drop	<5.5 V (closed state)

Maximum delay first up	70 ms
Marking	CE






Environment

Product certifications	CSA UL CCC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-7

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	81 g
Package 1 Height	4.1 cm
Package 1 width	9.5 cm
Package 1 Length	13 cm
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	81 g
Package 2 Height	2 cm
Package 2 width	20 cm
Package 2 Length	15 cm
Unit Type of Package 3	S02
Number of Units in Package 3	22
Package 3 Weight	2.232 kg
Package 3 Height	15 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End of Life Information