



## Main

Range of product	OsiSense XX
Sensor type	Ultrasonic sensor
Series name	General purpose
Sensor name	XX2
Sensor design	Cylindrical M30
Detection system	Diffuse
[Sn] nominal sensing distance	8 m adjustable with teach push-button
Material	Plastic
Type of output signal	Discrete
Discrete output function	2 NO
Wiring technique	4-wire
Discrete output type	PNP
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Electrical connection	Male connector M12 4 pins
Product specific application	For 2 levels monitoring
[Sd] sensing range	0.3...8 m
Beam angle	16 °
IP degree of protection	IP67 conforming to IEC 60529

## Complementary

Enclosure material	ULTEM
Front material	Silicone
Thread type	M30 x 1.5
Supply voltage limits	10...28 V DC
Function available	Without synchronisation mode
[Sa] assured operating distance	0.3...8 m (teach mode)
Maximum differential travel	12.7 mm
Blind zone	0...300 mm
Transmission frequency	75 kHz
Repeat accuracy	2.54 %
Deviation angle from 90° of object to be detected	-5...5 °
Minimum size of detected object	Cylinder diameter 50.8 mm 4.732 m
Status LED	1 LED (green/red (flashing)) for output state 1 LED (green/red (flashing)) for setting-up assistance 1 LED (yellow) for distance indication
Current consumption	100 mA
Maximum switching current	100 mA with overload and short-circuit protection
Voltage drop	< 1 V
Delay first up	1000 ms
Delay response	150 ms
Delay recovery	1000 ms
Marking	CE
Threaded length	64.3 mm
Height	44 mm
Width	44 mm

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Depth	118 mm
Product weight	0.11 kg

## Environment

Standards	IEC 60947-5-2
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-10...80 °C
Vibration resistance	+/-1 mm conforming to IEC 60068-2-6 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

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1140 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference contains SVHC above the threshold - <a href="#">go to CaP for more details</a>