



Product availability : Stock - Normally stocked in distribution facility



### 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	26.25 ft (8 m) adjustable with teach push-button
Material	Plastic
Type of output signal	Analogue
Wiring technique	4-wire
Analogue output function	0...10 V
[Us] rated supply voltage	15...24 V DC with reverse polarity protection
Electrical connection	Male connector M12 4 pins
[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	Epoxy
Thread type	M30 x 1.5
Supply voltage limits	14...28 V DC
Function available	Without synchronisation mode
[Sa] assured operating distance	0.3...8 m (teach mode)
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 50.68 mm 4.732 m
Status LED	1 LED (dual colour) setting-up assistance 1 LED (green) supply on 1 LED (yellow) output state
Current consumption	60 mA
Maximum switching capacity	>= 1 kOhm overload and short-circuit protection
Setting-up	Slope selection using teach button
Delay first up	1200 ms
Delay response	250 ms
Delay recovery	250 ms
Marking	CE
Threaded length	2.53 in (64.3 mm)
Height	1.73 in (44 mm)
Width	1.73 in (44 mm)
Depth	4.65 in (118 mm)
Product weight	0.25 lb(US) (0.115 kg)

## Environment

Standards	IEC 60947-5-2
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-40...176 °F (-40...80 °C)
Vibration resistance	+/-1 mm conforming to IEC 60068-2-6 10...55 Hz
Shock resistance	30 gn in all 3 axes 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	9.14 V/yd (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

## Ordering and shipping details

Category	22490 - SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	00785901418917
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4199999999999998
Returnability	Y
Country of origin	US

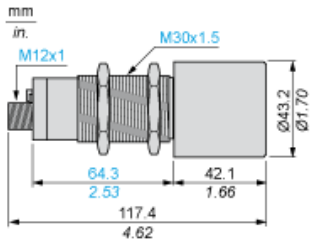
## Offer Sustainability

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

## Contractual warranty

Warranty period	18 months
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Dimensions



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## Minimum Mounting Distances

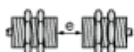
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### Side by side



e : respect the distances indicated on the detection curves

### Face to face



e > 4 x Sn

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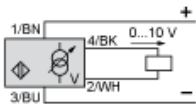
Wiring Diagram

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4-Wire Type



- (1) (+)
- (2) Return signal or teach
- (3) (-)
- (4) Output signal

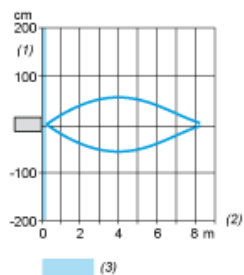


- BN Brown
- WH White
- BU Blue
- BK Black

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Curves

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- (1) Parallel movement
- (2) Distance
- (3) Blind zone for diffuse sensors.