

XX918A1A1L2

ULTRASONIC SENSOR, 24VDC 0-10V +OPTIONS

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	OsiSense XX
Sensor type	Ultrasonic sensor
Sensor name	XX9
Material	PBT (polybutylene terephthalate)
Sensor design	Ø 18 mm
Product specific application	Analog output
Type of output signal	Analogue
Wiring technique	4 wires
[Us] rated supply voltage	15...24 V DC with reverse polarity protection
Electrical connection	Cable 6.56 ft (2 m)
[Sd] sensing range	2.75...4 in (69.9...101.6 mm)
Beam angle	10 °
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Enclosure material	ULTEM
Front material	Silicone
ISO thread	M18 x 1
Supply voltage limits	10...28 V DC
Analogue output range	0...10 V inverse
[Sn] nominal sensing distance	4 in (101.6 mm)
Sensing window	69.9
Type of sensing window	Fixed
[Sa] assured operating distance	0.13...9 in (3.18...228.6 mm) (no teach mode)
Blind zone	2.01 in (51 mm)
Transmission frequency	500 kHz
Repeat accuracy	1.27 %
Minimum size of detected object	Cylinder diameter 1.6 mm up to 63.5 mm sensing distance
Status LED	2 LEDs (green/yellow (flashing)) setting-up assistance 2 LEDs (green/yellow) output state
Current consumption	50 mA
Maximum switching current	100 mA with overload and short-circuit protection
Maximum switching capacity	1 kOhm with overload and short-circuit protection
Delay response	2.5 ms
Delay recovery	1000 ms
Marking	CE
Height	0.71 in (18 mm)
Width	0.71 in (18 mm)
Depth	0.71 in (18 mm)
Length	2.55 in (64.77 mm)
CAD overall height	0.71 in (18 mm)
CAD overall width	0.71 in (18 mm)
CAD overall depth	0.71 in (18 mm)
Product weight	0.37 lb(US) (0.17 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the Schneider Electric group. It is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	IEC 60947-5-2
Product certifications	UL
NEMA degree of protection	NEMA 4X indoor use only
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...212 °F (-40...100 °C)
Vibration resistance	+/-1 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn 11 ms (in all 3 axes) 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	003389119130103
Nbr. of units in pkg.	1
Package weight(Lbs)	4.099999999999996
Returnability	N
Country of origin	US

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1140 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - Go to CaP for more details- Go to CaP for more details
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
-----------------	-----------

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XX918A1A1L2](#)