

XXTK1A4M12

ultrasonic sensor parallelepipedic 16x30x74 -
Sn 1m - transmitter - M12 connec

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



Main

Commercial Status	Commercialised
Range of product	OsiSense XX
Sensor type	Ultrasonic sensor transmitter
Series name	General purpose
Sensor name	XXT
Sensor design	Flat form 74 x 30 x 16
Detection system	Thru beam (need a receiver)
[Sn] nominal sensing distance	3.28 ft (1 m)
Material	Plastic
Wiring technique	2-wire
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Electrical connection	Male connector M12 4 pins
[Sd] sensing range	0...3.28 ft (0...1 m)
Beam angle	6 °
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Enclosure material	ULTEM
Front material	Silicone
Supply voltage limits	10...28 V DC
[Sa] assured operating distance	0...3.28 ft (0...1 m)
Transmission frequency	300 kHz
Repeat accuracy	1.27 %
Minimum size of detected object	Cylinder diameter 114 mm up to 1 m sensing distance
Current consumption	40 mA
Marking	CE
Height	1.18 in (30 mm)
Width	0.67 in (17 mm)
Depth	3.35 in (85 mm)
Product weight	0.11 lb(US) (0.05 kg)

Environment

Standards	IEC 60947-5-2
Ambient air temperature for operation	32...140 °F (0...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 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	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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation 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.

Ordering and shipping details

Category	22490 - SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	003389119127950
Nbr. of units in pkg.	1
Package weight(Lbs)	0.20
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	Y
Country of origin	US

Contractual warranty

Period	18 months
--------	-----------

Mouser Electronics

Authorized Distributor

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

[Schneider Electric:](#)

[XXTK1A4M12](#)