XX630T1KA000M12

ultrasonic sensor - M30 stainless steel - diffuse - Sn 1 m - NO - M12

Green Premium™ Product

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

Main

Commercial Status	Commercialised
Range of product	OsiSense XX
Sensor type	Ultrasonic sensor
Series name	General purpose
Sensor name	XX6
Sensor design	Cylindrical M30
Detection system	Diffuse
[Sn] nominal sensing distance	3.28 ft (1 m) adjustable with teach pushbutton
Material	Metal
Type of output signal	Discrete
Discrete output function	2 NO
Wiring technique	4-wire
Discrete output type	PNP and NPN
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Electrical connection	Male connector M12 4 pins
[Sd] sensing range	0.39...3.25 ft (0.119...0.991 m)
Beam angle	10 °
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Enclosure material	Stainless steel 303
Front material	Stainless steel 304
ISO thread	M30 x 1.5
Supply voltage limits	10...28 V DC
[Sa] assured operating distance	0.39...3.25 ft (0.119...0.991 m) (teach mode)
Maximum differential travel	0.1 in (2.5 mm)
Blind zone	0...4.69 in (0...119 mm)
Transmission frequency	200 kHz
Repeat accuracy	0.9 %
Deviation angle from 90° of object to be detected	-10...10 °
Minimum size of detected object	Cylinder diameter 1.6 mm up to 305 mm sensing distance
Status LED	1 LED (dual colour) for setting-up assistance/output state 1 LED (yellow)
Current consumption	100 mA
Maximum switching current	100 mA with overload and short-circuit protection
Voltage drop	< 1 V
Switching frequency	<= 10 Hz
Delay first up	720 ms
Delay response	10 ms
Delay recovery	10 ms
Marking	CE
Threaded length	1.77 in (45 mm)
Product weight	0.21 lb(US) (0.095 kg)

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Environment

Standards	IEC 60947-5-2
Ambient air temperature for operation	-4...122 °F (-20...50 °C)
Ambient air temperature for storage	-58...176 °F (-50...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

Ordering and shipping details

Category	22490 - SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	003389119023313
Nbr. of units in pkg.	1
Package weight(Lbs)	0.80
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	Y
Country of origin	US

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1140 - Schneider Electric declaration of conformity
REACh	Reference contains SVHC above the threshold - go to CaP for more details
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months

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Authorized Distributor

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