



Main

Range of product	Telemecanique Ultrasonic sensors XX
Sensor type	Ultrasonic sensor
Series name	General purpose
Sensor name	XX6
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	1 NC + 1 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
[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	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 at 4.732 m
Status LED	Setting-up assistance: 1 LED (green/red (flashing))
Current consumption	50 mA

Maximum voltage drop	1 V
Switching frequency	<= 2 Hz
Maximum delay first up	800 Ms
Maximum delay response	200 Ms
Maximum delay recovery	200 Ms
Marking	CE
Threaded length	64.3 Mm
Height	44 Mm
Width	44 Mm
Depth	118 Mm
Net weight	0.11 Kg

Environment

Standards	IEC 60947-5-2
Product certifications	UL cCSAus
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...80 °C
Vibration resistance	+/-1 mm conforming to IEC 60068-2-6 (f = 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	191.0 G
Package 1 Height	4.1 Cm
Package 1 width	9.4 Cm
Package 1 Length	13.2 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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Product Life Status : **End of commerc. announced**

XX630A3PCM12 is replaced by the following product range:



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Substitution date: |