



### Main

Range of product	OsiSense XM
Pressure sensor type	Electromechanical pressure sensor
Pressure sensor name	XMP
Pressure sensor size	12 bar
Fluid connection type	G 1/2 (female) conforming to ISO 228
Controlled fluid	Air (0...70 °C) Fresh water (0...70 °C) Sea water (0...70 °C)
Cable entry	2 entries incorporating Pg 16 plastic cable gland, cable outer diameter: 12...15 mm conforming to NF C 68-300
Contacts type and composition	3 NC snap action
Product specific application	-
Pressure switch type of operation	Regulation between 2 thresholds
Electrical connection	Screw-clamp terminals, clamping capacity: minimum : 2 x 4 mm <sup>2</sup>
Electrical circuit type	Power circuit
Scale type	Adjustable differential
Local display	Without
Sale per indivisible quantity	1

### Complementary

Adjustable range of switching point on falling pressure	0.3...10.3 bar
Adjustment range high setting	1.3...12 bar
Possible differential minimum at low setting	1 bar
Possible differential minimum at high setting	1.7 bar
Possible differential maximum at high setting	8.4 bar
Destruction pressure	30 bar
Type of decompression valve	Without

Control type	ON/OFF knob
Terminal block type	6 terminals
Pressure actuator	Diaphragm
Materials in contact with fluid	Chromated zinc alloy Canvas covered nitrile
Enclosure material	PA impregnated with fibreglass
Operating position	Any position
Maximum operating rate	10 cyc/mn
Repeat accuracy	3.5 %
[Ui] rated insulation voltage	500 V conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A
Electrical durability	1000000 cycles 1.5 kW, operating rate <10 cyc/mn, load factor: 0.4, 400 V AC 3 phases 500000 cycles 3 kW, operating rate <10 cyc/mn, load factor: 0.4, 400 V AC 3 phases 600000 cycles 1.5 kW, operating rate <10 cyc/mn, load factor: 0.4, 230 V AC 3 phases 700000 cycles 2.2 kW, operating rate <10 cyc/mn, load factor: 0.4, 400 V AC 3 phases
Mechanical durability	1000000 cycles
Setting	Knurled knob and nut
Terminals description ISO n°1	(1-2)NC (3-4)NC (5-6)NC
Depth	98 mm
Height	125 mm
Width	57 mm

## Environment

Product certifications	EAC
Standards	EN/IEC 60947-4-1 CE
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	3 gn conforming to IEC 60068-2-6 (f = 10...500 Hz)
Shock resistance	50 gn conforming to IEC 60068-2-27
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP65 conforming to EN/IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	508 g
Package 1 Height	6.5 cm
Package 1 width	12 cm
Package 1 Length	17 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

Contractual warranty

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Warranty	18 months
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