



Main

Range of product	OsiSense XM
Pressure sensor type	Electromechanical pressure sensor
Pressure sensor name	XMP
Pressure sensor size	6 bar
Controlled fluid	Air (0...70 °C) Fresh water (0...70 °C) Sea water (0...70 °C)
Contacts type and composition	2 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 ²
Electrical circuit type	Power circuit
Scale type	Adjustable differential
Local display	Without
Sale per indivisible quantity	10

Complementary

Adjustable range of switching point on falling pressure	0.2...4.8 bar
Adjustment range high setting	1...6 bar
Possible differential minimum at low setting	0.8 bar
Possible differential minimum at high setting	1.2 bar
Possible differential maximum at high setting	4.2 bar
Destruction pressure	30 bar
Type of decompression valve	Without
Control type	Without
Terminal block type	4 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	Nut
Product weight	0.43 kg
Terminals description ISO n°1	(3-4)NC (1-2)NC
Depth	98 mm
Height	106 mm
Width	57 mm

Environment

Product certifications	EAC
Standards	CE EN/IEC 60947-4-1
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	IP54 conforming to EN/IEC 60529

Offer Sustainability

Sustainable offer status	Green Premium product
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	No need of specific recycling operations

Contractual warranty

Warranty	18 months
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