



Main

Range of product	OsiSense XM
Pressure sensor type	Electromechanical pressure sensor
Pressure sensor name	XMP
Pressure rating	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 conforming to 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

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.

Mechanical durability	1000000 cycles
Setting	Nut
Net 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	449.0 g
Package 1 Height	5.9 cm
Package 1 width	11.6 cm
Package 1 Length	9.7 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	10
Package 2 Weight	4.646 kg
Package 2 Height	10.0 cm
Package 2 width	30.0 cm
Package 2 Length	27.0 cm
Unit Type of Package 3	S06
Number of Units in Package 3	100
Package 3 Weight	59.46 kg
Package 3 Height	73.5 cm
Package 3 width	60.0 cm
Package 3 Length	80.0 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