



### Main

Range of product	OsiSense XM
Pressure sensor type	Electromechanical pressure sensor
Pressure sensor name	FSG
Pressure sensor size	4,6 bar
Fluid connection type	G 1/4 (female) ISO 228
Controlled fluid	Fresh water 0...70 °C) Sea water 0...70 °C)
Cable entry	2 cable entries with grommet
Contacts type and composition	2 NC snap action
Product specific application	-
Pressure switch type of operation	Regulation between 2 thresholds
[In] rated current	10 A 250 V AC EN 60730-1
Electrical connection	Screw-clamp terminals 1 x 1...2 x 2 mm <sup>2</sup>
Short-circuit protection	20 A cartridge fuse gG
Scale type	Adjustable differential
Setting	Internal
Local display	Without
Electrical circuit type	Power circuit

### Complementary

Materials in contact with fluid	Nitrile Nylon 6/6 Zinc plated steel
Enclosure material	PS
Operating position	Any position
Motor power kW	0,75 KW 1 hp 110 V AC, 1 phase 1,1 KW 1,5 hp 110 V AC, 3 phases 1,5 KW 2 hp 230 V AC, 1 phase 1,5 KW 2 hp 400 V AC, 1 phase 2,2 KW 3 hp 230 V AC, 3 phases 2,2 kW 3 hp 400 V AC, 3 phases
Adjustable range of switching point on falling pressure	0,3...3,4 bar
Adjustable range of switching point on rising pressure	1,4...4,6 bar
Possible differential minimum at low setting	1 bar
Possible differential minimum at high setting	1,2 bar
Possible differential maximum at low setting	2,1 bar
Possible differential maximum at high setting	2,3 bar
Maximum permissible accidental pressure	8 bar
Maximum permissible pressure - per cycle	5,75 bar
Destruction pressure	20 bar
Pressure actuator	Diaphragm
Electrical durability	100000 cycles 10 cyc/mn
Mechanical durability	1000000 cycles
Terminal block type	4 terminals
Possible differential minimum at middle setting	1,1 bar
Possible differential maximum at middle setting	2,2 bar

Maximum operating rate	10 cyc/mn
[Ui] rated insulation voltage	500 V EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Neto težina	0,34 kg
Repeat accuracy	2 %
Terminals description ISO n°1	(3-4)NC (1-2)NC
Maksimalna dubina	102 mm
Maksimalna visina	96 mm
Maksimalna širina	72 mm

## Environment

Standards	EN/IEC 60730 CE
Ambient air temperature for operation	0...45 °C
Ambient air temperature for storage	-30...80 °C
Protective treatment	TC
Electrical shock protection class	Class I IEC 536
IP degree of protection	IP20 EN/IEC 60529

## Broj pakirnih jedinica

Paket 1 Težina	368 g
Paket 2 Težina	9,606 kg

## Offer Sustainability

Direktiva EU RoHS	Sukladno <a href="#">Izjava EU RoHS</a>
Bez žive	Da
Informacije o RoHS izuzeću	<a href="#">Da</a>
Izjava o očuvanju okoliša	<a href="#">Ekološki Profil Proizvoda</a>
Profil cirkularnosti	<a href="#">Informacije O Kraju Vijeka Trajanja</a>

## Contractual warranty

Jamstvo	18 months
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