



Glavno

Range of product	OsiSense XM
Pressure sensor type	Electromechanical pressure sensor
Pressure sensor name	FTG
Pressure sensor size	4.6 bar
Fluid connection type	R 1/4 (male) conforming to ISO 7
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	Detection of single threshold
[In] rated current	10 A at 250 V AC conforming to EN 60730-1
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2 mm ²
Short-circuit protection	20 A cartridge fuse type gG
Scale type	Fixed differential
Setting	Internal
Local display	Without
Electrical circuit type	Power circuit

Komplementarno

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 at 110 V AC, 1 phase 1.1 kW/1.5 hp at 110 V AC, 3 phases 1.5 kW/2 hp at 400 V AC, 1 phase 1.1 kW/1.5 hp at 230 V AC, 1 phase 1.5 kW/2 hp at 230 V AC, 3 phases 1.5 kW/2 hp at 400 V AC, 3 phases
Adjustable range of switching point on falling pressure	0.3...3.1 bar
Adjustable range of switching point on rising pressure	1.4...4.6 bar
Maximum permissible accidental pressure	8 bar
Maximum permissible pressure - per cycle	5.75 bar
Destruction pressure	20 bar
Pressure actuator	Diaphragm
Electrical durability	40000 cycles at 10 cyc/mn
Mechanical durability	400000 cycles
Terminal block type	4 terminals
Natural differential at low setting	1.1 bar
Natural differential at middle setting	1.3 bar
Natural differential at high setting	1.5 bar
Operating rate	10 cyc/mn
[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
Product weight	0.34 kg

Informacije dane u ovoj dokumentaciji sadrže opće i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

Repeat accuracy	< 2 %
Terminals description ISO n°1	(1-2)NC (3-4)NC
Depth	102 mm
Height	105 mm
Width	72 mm

Okolina

standards	CE EN/IEC 60730
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 conforming to IEC 536
IP degree of protection	IP20 conforming to EN/IEC 60529

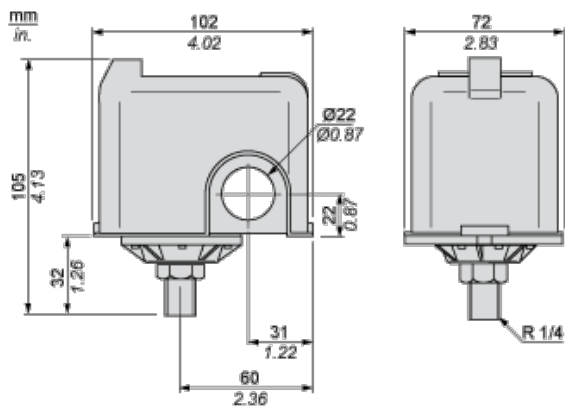
Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0627 - Schneider Electric declaration of conformity	Compliant - since 0627 - Schneider Electric declaration of conformity
Reference contains SVHC above the threshold - go to CaP for more details	Reference contains SVHC above the threshold
Available	Available
Available	Available

Contractual warranty

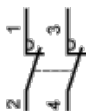
Warranty period	18 months
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Dimensions



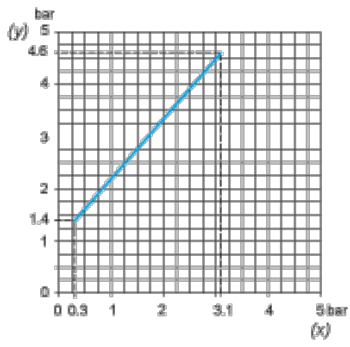
Wiring Diagram

Connections

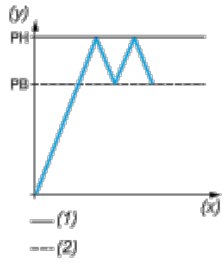


Curves

Operating Curves



- (y) Rising pressure
- (x) Falling pressure



- (y) Pressure
- (x) Time
- (1) Adjustable value
- (2) Non adjustable value