# Product data sheet
## Characteristics

# XMPA06C2131
## pressure sensor XMP - 6 bar - G 1/4 female - 3 NC - without control type



### Main

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|---|---|
| Range of product | OsiSense XM |
| Pressure sensor type | Electromechanical pressure sensor |
| Pressure sensor name | XMP |
| Pressure sensor size | 6 bar |
| Fluid connection type | G 1/4 (female) conforming to ISO 228 |
| Controlled fluid | Air (0...70 °C)<br>Fresh water (0...70 °C)<br>Sea water (0...70 °C) |
| Cable entry | 2 entries tapped for Pg 13.5 cable gland 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 mm² |
| Electrical circuit type | Power circuit |
| Scale type | Adjustable differential |
| Local display | Without |
| Sale per indivisible quantity | 1 |

### Complementary

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| 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 | 6 terminals |
| Pressure actuator | Diaphragm |
| Materials in contact with fluid | Chromated zinc alloy<br>Canvas covered nitrile |
| Enclosure material | PA impregnated with fibreglass |
| Operating position | Any position |
| 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 |
| Resistance across terminals | <= 25 MOhm conforming to IEC 60255-7 category 3<br><= 25 MOhm conforming to NF C 93-050 method A |

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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.
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| Electrical durability | 1000000 cycles (1.5 kW, operating rate: 10 cyc/mn, load factor: 0.4, 400 V AC 3 phases)<br>500000 cycles (3 kW, operating rate: 10 cyc/mn, load factor: 0.4, 400 V AC 3 phases)<br>600000 cycles (1.5 kW, operating rate: 10 cyc/mn, load factor: 0.4, 230 V AC 3 phases)<br>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<br>(5-6)NC<br>(1-2)NC |
| Depth | 98 mm |
| Height | 106 mm |
| Width | 57 mm |

## Environment

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|---|---|
| Product certifications | EAC |
| Standards | CE<br>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 (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn conforming to IEC 60068-2-27 |
| Class of protection against electric shock | Class I conforming to IEC 60536 |
| IP degree of protection | IP54 conforming to EN/IEC 60529 |

## Offer Sustainability

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|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations |

## Contractual warranty

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| Warranty period | 18 months |