

# Product data sheet

# XMAV06L2135

Pressure switch, XMA, pressure range 6 bar, adjustable scale, 1CO, 2 thresholds

## Main

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|---|---|
| Range of product | Telemecanique Pressure sensors XM |
| Pressure sensor type | Electromechanical pressure sensor |
| Pressure sensor name | XMA |
| ETIM classification | ETIM 9 - EC000243 - Pressure switch |
| Enclosure material | PC impregnated with Lexan 123 |
| Materials in contact with fluid | Canvas covered nitrile<br>chromated zinc alloy |
| Colour of cover | Transparent |
| Pressure switch type of operation | Regulation between 2 thresholds |
| Operating position | Any position |
| Pressure sensor size | 6 Bar |
| Maximum permissible accidental pressure | 13.5 Bar |
| Maximum permissible pressure - per cycle | 7.5 Bar |
| Destruction pressure | 30 Bar |
| Pressure actuator | Diaphragm |
| Possible differential minimum at low setting | 0.8 Bar |
| Possible differential minimum at high setting | 1.2 Bar |
| Controlled fluid | Air (0-70 °C), fresh water (0-70 °C), sea water (0-70 °C) |
| Fluid connection type | G 1/4 (female) conforming to ISO 228 |
| Local display | Without |
| Scale type | Fixed differential |
| Setting | External |
| Product certifications | CCC<br>CSA<br>UL |
| Standards | CE<br>IEC 60947-5-1 |
| Indivisible sale quantity | 1 |

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.
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## Complementary

| | |
|---|---|
| Mechanical durability | 1000000 cycles |
| Cable entry | 2 entries tapped for Pg 13.5 cable gland conforming to NF C 68-300 |
| Repeat accuracy | 3.5 % |
| Electrical durability | 1000000 cycles, 50/60 Hz, AC-15, 240 V / 3 A, Ith = 10 A |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm² |
| Electrical circuit type | Control circuit |
| Contacts type and composition | 1 C/O snap action |
| Terminals description ISO n°1 | (13-14)NO<br>(21-22)NC |
| Operating rate | 10 c.p.m |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 |
| [Ui] rated insulation voltage | 500 V conforming to IEC 60947-1 |
| [In] rated current | 3 A (Ue = 120 V), AC-15, B300, 1.5 A (Ue = 240 V), AC-15, B300, 0.1 A (Ue = 250 V), DC-13, R300 |
| Electrical shock protection class | Class I conforming to IEC 536 |
| Short-circuit protection | 10 A cartridge fuse, type gG (gI) |
| Adjustable range of switching point on rising pressure | 1.0000...6.0000 bar |
| Adjustable range of switching point on falling pressure | 0.2000...4.8000 bar |
| Height | 113 mm |
| Width | 57 mm |
| Depth | 97.5 mm |
| Product weight | 0.43 kg |

## Environment

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|---|---|
| IP degree of protection | IP54 conforming to IEC 60529 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Protective treatment | TC |

## Offer Sustainability

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|---|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

## Warranty

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|---|---|
| Warranty | 18 months |

## Packing Units

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|---|---|
| Country of origin | CZ (Czech Republic)<br>MA (Morocco) |
| Unit type of package 1 | PCE |
| Number of units in package 1 | 1 |
| New Package 1 GTIN-13 | 3666916026632 |
| Package 1 height | 6.2 cm |
| Package 1 width | 11.4 cm |
| Package 1 length | 17 cm |
| Package 1 weight | 0.43 kg |
| Unit type of package 2 | S02 |
| Number of units in package 2 | 1 |
| New Package 2 GTIN 14 | 13666916026639 |
| Package 2 height | 15 cm |
| Package 2 width | 30 cm |
| Package 2 length | 40 cm |
| Package 2 weight | 10.44 kg |
| Unit type of package 3 | S03 |
| Number of units in package 3 | 20 |
| New Package 3 GTIN 14 | 23666916026636 |
| Package 3 height | 30 cm |
| Package 3 width | 30 cm |
| Package 3 length | 40 cm |
| Package 3 weight | 10.581 kg |