



Main

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| Range of product | OsiSense XM |
| Pressure sensor name | ACW |
| Pressure sensor type | Electromechanical pressure sensor |
| Product specific application | For regulation between 2 thresholds |
| Scale type | Adjustable differential |
| Contacts type and composition | 1 C/O, snap action |
| Cable entry | 1 entry tapped for ISO M20 cable gland |
| Fluid connection type | G 1/4 (female) conforming to ISO 228 |
| Materials in contact with fluid | Phosphor bronze |
| Pressure sensor size | 12 bar |
| Adjustable range of switching point on falling pressure | 1.4...12 bar |
| Adjustable range of switching point on rising pressure | 2.1...14 bar |
| Pressure actuator | Bellows |
| Electrical circuit type | Control circuit |

Complementary

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|---|--|
| Electrical connection | Screw-clamp terminals, 1 x 1...2 x 2.5 mm ² |
| Controlled fluid | Non-corrosive fluid (-73...125 °C) Hydraulic oil (-73...125 °C) Air (-73...125 °C) |
| Short circuit protection | 10 A by gG cartridge fuse |
| Enclosure material | Zinc alloy |
| Possible differential minimum at low setting | 0.7 bar |
| Possible differential minimum at high setting | 0.7 bar |
| Possible differential maximum at low setting | 2 bar |
| Possible differential maximum at high setting | 2 bar |
| Maximum permissible pressure - per cycle | 17 bar |
| Mechanical durability | 1000000 cycles |
| Setting | External |
| Local display | Without |
| Terminals description ISO n°1 | (1-2)NC (3-4)NO |
| Width | 88 mm |
| Height | 167 mm |
| Depth | 68 mm |
| Product weight | 1.55 kg |

Environment

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|---------------------------------------|---------------------------------|
| Protective treatment | TC |
| Standards | CE EN/IEC 60947-5-1 |
| Product certifications | CSA UL recognized EAC |
| IP degree of protection | IP65 conforming to EN/IEC 60529 |
| Ambient air temperature for operation | -56...85 °C |

Offer Sustainability

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|--------------------------|---------------------------|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Will not be Compliant |