



**THE DATASHEET OF
XMLK200P2C23**



XMLK200P2D23

Electronic pressure sensors, Pressure sensors XM, sensor XMLK, 0...200 PSI, 1/4NPT, 4...20 mA, M12, set of 1



Main

| | |
|---------------------------|--|
| Range of Product | OsiSense XM |
| Product or Component Type | Electronic pressure sensors |
| Pressure sensor type | Pressure transmitter |
| Pressure sensor name | XMLK |
| Electrical circuit type | Control circuit |
| Pressure Rating | 200 psi (1378.95 kPa) |
| Local display | Without |
| Controlled fluid | Air 32...176 °F (0...80 °C) Fresh water 32...176 °F (0...80 °C) |
| Fluid connection type | 1/4" - 18 NPT (male) |
| Electrical connection | 1 male connector M12 4 pins |
| [Us] rated supply voltage | 24 V DC SELV 8...33 V |
| Current Consumption | < 20 mA |
| Type of output signal | Analogue |
| Analogue output function | 4...20 mA, 2-wire |
| Quantity per Set | Set of 1 |
| Type of Packing | Individual |

Complementary

| | |
|---|---|
| Pressure setting range | 0...200 psi (0.00...1378.95 kPa) |
| Maximum permissible accidental pressure | 400 psi (2757.90 kPa) |
| Destruction pressure | 600 psi (4136.85 kPa) |
| Materials in contact with fluid | Nitrile (NBR) Ceramic Stainless steel type AISI 303 |
| Operating position | Any position |
| Protection Type | Reverse polarity Load short-circuit |
| Electromagnetic compatibility | Electrostatic discharge immunity test EN/IEC 61000-4-2 8 kV air, 6 kV contact Susceptibility to electromagnetic fields EN/IEC 61000-4-3 10 V/m 80...1000 MHz Electrical fast transient/burst immunity test EN/IEC 61000-4-4 2 kV 1.2/50 µs shock waves immunity test EN/IEC 61000-4-5 500 V 12 Ohm, 1 kV 42 Ohm Radiated RF fields EN/IEC 61000-4-6 10 V 0.15...80 MHz Immunity to magnetic fields EN/IEC 61000-4-8 30 A/m 50 Hz |
| [Uimp] rated impulse withstand voltage | 0.5 kV |
| Response time on output | < 5 ms |
| Measurement accuracy | +/- 1 % of the measuring range |
| Resolution | 0.1 % of the measuring range |
| Drift of the sensitivity | +/- 0.04 % of measuring range/°K |
| Drift of the zero point | +/- 0.03 % of measuring range/°K |
| Long term stability | +/- 1 % of the measuring range |
| Mechanical durability | 10000000 cycles |
| Net Weight | 0.24 lb(US) (0.11 kg) |
| Diameter | 1.42 in (36 mm) |
| Length | 2.58 in (65.5 mm) |
| Scale type | Fixed differential |

Environment

| | |
|---------------------------------------|---|
| Standards | EN/IEC 61326-2-3 CE |
| Product Certifications | UL 508 RCM CSA C22.2 No 14 EAC |
| Protective treatment | TC |
| Ambient air temperature for operation | 32...176 °F (0...80 °C) |
| Ambient Air Temperature for Storage | -13...176 °F (-25...80 °C) |
| Vibration resistance | 20 gn 9...2000 Hz) EN/IEC 60068-2-6 |
| Shock resistance | 25 gn 11 ms EN/IEC 60068-2-27 |
| IP degree of protection | IP65 conforming to EN/IEC 60529 |
| NEMA degree of protection | NEMA 4 |




Ordering and shipping details

| | |
|-----------------------|---|
| Category | 21561 - XMLK,XMLP PRESSURE TRANSMITTERS |
| Discount Schedule | DS2 |
| GTIN | 3389119049047 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 4.44 oz (126 g) |
| Returnability | Yes |
| Country of origin | CH |

Packing Units

| | |
|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.65 in (4.2 cm) |
| Package 1 width | 3.62 in (9.2 cm) |
| Package 1 Length | 2.60 in (6.6 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 7.07 lb(US) (3.205 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 5.91 in (15 cm) |
| Package 2 Length | 15.75 in (40 cm) |

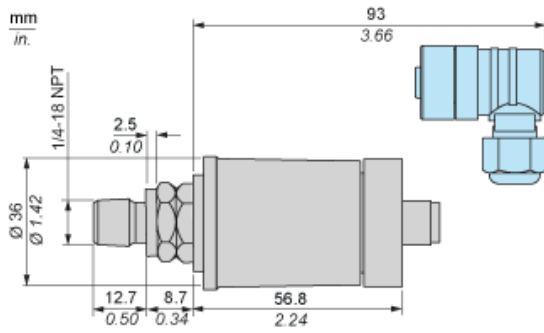
Offer Sustainability

| | |
|----------------------------|---|
| 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 |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |

Contractual warranty

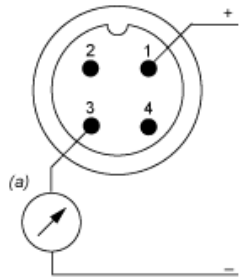
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



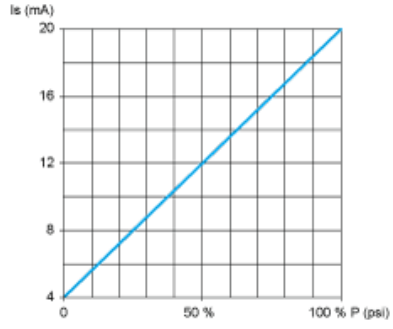
Wiring Diagram

2-Wire Technique (4-20 mA)



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Output Curves



Looking for pricing, stock, or lifecycle information?

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Optimize Your Supply Chain with WIN SOURCE Solutions

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-  Alternative Solution
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