



Main

| | |
|---------------------------|--|
| Range of product | OsiSense XM |
| Product or component type | Electronic pressure sensors |
| Pressure sensor type | Pressure transmitter |
| Pressure sensor size | 1 bar |
| Pressure sensor name | XMLE |
| Controlled fluid | Fresh water (0...80 °C) Hydraulic oil (-15...80 °C) Corrosive fluid (-15...80 °C) Air (-15...80 °C) |
| Fluid connection type | G 1/4A (male) conforming to ISO 228 |
| Type of output signal | Analogue |
| Electrical connection | Male connector M12 |
| Analogue output function | 4...20 mA, 2 wires |
| [Us] rated supply voltage | 24 V DC, voltage limits: 11...33 V |
| Diameter | 40 mm |

Complementary

| | |
|--|--|
| Enclosure material | Anodised aluminium |
| Type of installation | Control circuit |
| Operating position | Any position |
| Materials in contact with fluid | Stainless steel type AISI 303 |
| Maximum permissible accidental pressure | 2 bar |
| Maximum permissible pressure - per cycle | 1 bar |
| Destruction pressure | 3 bar |
| Drift of the sensitivity | +/- 0.015 % of measuring range/°C |
| Drift of the zero point | +/- 0.03 % of measuring range/°C |
| Protection type | Overload protection Reverse polarity Short-circuit |
| Local display | Without |
| Current consumption | < 20 mA |
| Mechanical durability | >= 10000000 cycles |
| Response time on output | < 5 ms |
| Measurement accuracy | +/- 0.3 % of the measuring range |
| Product weight | 0.3 kg |

Environment

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|---------------------------------------|--|
| IP degree of protection | IP65 |
| Vibration resistance | 5 gn (f = 25...200 Hz) 35 gn (f = 60...2000 Hz) |
| Protective treatment | TC |
| Shock resistance | 50 gn |
| Standards | CE EN 50081 EN 50082 |
| Product certifications | CSA UL |
| Ambient air temperature for operation | -15...80 °C |

Offer Sustainability

| | |
|--------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0627 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |

Dimensions



Ø : G 1/4 (male)

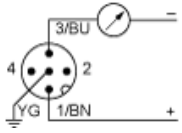
Dimensions in mm

| |
|----|
| a |
| 65 |

Dimensions in in.

| |
|------|
| a |
| 2.56 |

Wiring Diagram



(BU) Blue
(BN) Brown
(YG) Yellow Green

Output Curves

