

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	1/4" - 18 NPT (male)
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
Mechanical durability	>= 10000000 cycles
Measurement accuracy	+/- 0.3 % of the measuring range
Product weight	0.3 kg

Environment

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

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Offer Sustainability

RoHS (date code: YYWW)

Compliant - since 0627 - [Schneider Electric declaration of conformity](#)

Dimensions



Ø : 1/2 NPT

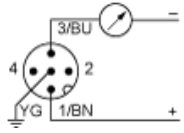
Dimensions in mm

a
65

Dimensions in in.

a
2.56

Wiring Diagram



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

Output Curves

