



Main

Range of product	OsiSense XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor name	XMLG
Pressure sensor size	145.04 psi (10 bar)
Fluid connection type	G 1/4A (male) conforming to DIN 3852-E
Controlled fluid	Air (5...257 °F (-15...125 °C)) Corrosive fluid (5...257 °F (-15...125 °C)) Hydraulic oil (5...257 °F (-15...125 °C)) Fresh water (0...125 °C)
Type of output signal	Analogue
Analogue output function	4...20 mA, 2 wires
Electrical connection	Quickon type quick coupling
[Us] rated supply voltage	12 V DC, voltage limits: 8...33 V 24 V DC, voltage limits: 8...33 V
Quantity per set	Set of 25
Type of packing	Group
Diameter	0.9 in (22.8 mm)

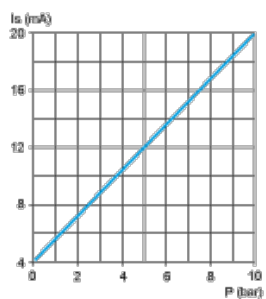
Complementary

Pressure setting range	0...145.04 psi (0...10 bar)
Maximum permissible accidental pressure	319.08 psi (22 bar)
Destruction pressure	362.59 psi (25 bar)
Local display	Without
Electrical circuit type	Control circuit
Current consumption	< 20 mA
Materials in contact with fluid	Ceramic FPM (Viton) Stainless steel type AISI 303
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Surge withstand	1 kV (42 Ohm) conforming to EN/IEC 61000-4-5 500 kV (12 Ohm) conforming to EN/IEC 61000-4-5
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	< 2 ms
Drift of the sensitivity	+/- 0.015 % of measuring range/°C
Drift of the zero point	+/- 0.015 % of measuring range/°C
Measurement accuracy	+/- 0.3 % of the measuring range
Repeat accuracy	+/- 0.1 % of the measuring range
Mechanical durability	>= 10000000 cycles
Product weight	0.21 lb(US) (0.095 kg)
Height	66.1 mm
Length	2.6 in (66.1 mm)

Environment

standards	CE EN/IEC 61326-2-3
product certifications	UL 508 CSA C22.2 No 14 EAC

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