

Main

Commercial Status	Commercialised
Range of product	OsiSense XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor size	10 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	20 bar
Maximum permissible pressure - per cycle	10 bar
Destruction pressure	30 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	0.25 kg

Environment

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

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RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0627

Contractual warranty

Period	18 months
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