

Commercial status

This Product is Obsolete :

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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 sensor size	150 Psi (1034.21 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 Packard Metripack 150 3 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 25
Type of packing	Group

Complementary

Pressure setting range	0...150 Psi (0.00...1034.21 kPa)
Maximum permissible accidental pressure	300 Psi (2068.43 kPa)
Destruction pressure	450 Psi (3102.64 kPa)
Materials in contact with fluid	Ceramic Nitrile (NBR) 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
Accuracy	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
Repeat accuracy	+/- 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)

Environment

Standards	CE EN/IEC 61326-2-3
Product certifications	RCM UL 508 EAC CSA C22.2 No 14
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 EN/IEC 60529
NEMA degree of protection	NEMA 4

Ordering and shipping details

Category	21561-XMLK,XMLP PRESSURE TRANSMITTERS
Discount Schedule	DS2
GTIN	03389119048972
Package weight(Lbs)	0.24 Lb(US) (0.108 kg)
Returnability	No
Country of origin	CH

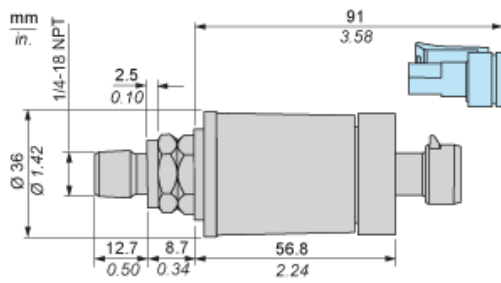
Packing Units

Package 1 Height	1.170 Dm
Package 1 width	2.000 Dm
Package 1 Length	2.000 Dm

Contractual warranty

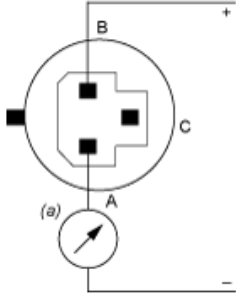
Warranty	18 months
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Dimensions



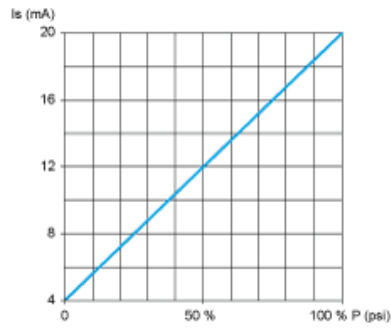
Wiring Diagram

2-Wire Technique (4-20 mA)



(a) I out

Output Curves



Product Life Status : **End of commercialisation**