XMLK016B2C21

Electronic pressure sensors, Pressure sensors XM, sensor XMLK, 0...16 bar, G 1/4 A, 4...20 mA, DIN, set of 1



Main

Range of product	Telemecanique Pressure sensors XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor name	XMLK
Electrical circuit type	Control circuit
Pressure rating	16 bar
Local display	Without
Controlled fluid	Air (080 °C) Fresh water (080 °C)
Fluid connection type	G 1/4A (male) conforming to DIN 3852-E
Electrical connection	1 male connector EN 175301-803-A (ex DIN43650) 4 pins
[Us] rated supply voltage	24 V DC SELV (voltage limits: 833 V)
Current consumption	< 20 mA
Type of output signal	Analogue
Analogue output function	420 mA, 2-wire
Quantity per set	Set of 1
Type of packing	Individual

Complementary

Complementary	
Pressure setting range	016 bar
Maximum permissible accidental pressure	32 bar
Destruction pressure	48 bar
Materials in contact with fluid	Stainless steel type AISI 303 Ceramic Nitrile (NBR)
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Electromagnetic compatibility	Electrostatic discharge immunity test conforming to IEC 61000-4-2 8 kV air, 6 kV contact Susceptibility to electromagnetic fields conforming to IEC 61000-4-3 10 V/m 801000 MHz Electrical fast transient/burst immunity test conforming to IEC 61000-4-4 2 kV 1.2/50 µs shock waves immunity test conforming to IEC 61000-4-5 500 V 12 Ohm, 1 kV 42 Ohm Radiated RF fields conforming to IEC 61000-4-6 10 V 0.1580 MHz Immunity to magnetic fields conforming to 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
Resolution	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
Long term stability	+/- 1 % of the measuring range
Mechanical durability	10000000 cycles
Net weight	0.11 kg
Diameter	36 mm

Length	67.5 mm
Scale type	Fixed differential
Environment	
Standards	CE
Ciandia	IEC 61326-2-3
Product certifications	UL 508[RETURN]RCM[RETURN]CSA C22.2 No 14
Protective treatment	TC
Ambient air temperature for operation	080 °C
Ambient air temperature for storage	-2580 °C
Vibration resistance	20 gn (f = 92000 Hz) conforming to IEC 60068-2-6
Shock resistance	25 gn for 11 ms conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529
NEMA degree of protection	NEMA 4
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.000 cm
Package 1 Width	6.600 cm
Package 1 Length	9.200 cm
Package 1 Weight	132.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	24
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	3.362 kg
Offer Sustainability	
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl
	phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California
	and Di-1300ccy phinialate (DIDI), which is known to the State of California
	to cause birth defects or other reproductive harm. For more information go to
For all Reach Rohs enquiries contact us at	to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



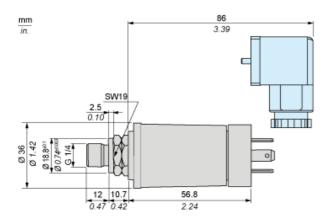
18 months

Warranty

Product data sheet Dimensions Drawings

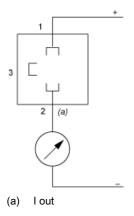
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Dimensions



Wiring Diagram

2-Wire Technique (4-20 mA)



Product data sheet Performance Curves

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Output Curves

