XMLK200P2C23TQ

Electronic pressure sensors, Pressure sensors XM, sensor XMLK, 0...200 PSI, 1/4NPT, 4...20 mA, DIN, set of 25

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	1379.0 kPa
Local display	Without
Controlled fluid	Air (0…80 °C) Fresh water (0…80 °C)
Fluid connection type	1/4" - 18 NPT (male)
Electrical connection	1 male connector EN 175301-803-A (ex DIN43650) 4 pins
[Us] rated supply voltage	24 V DC SELV (voltage limits: 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	0.0000000000…1379.0 kPa
Maximum permissible accidental pressure	2757.9 kPa
Destruction pressure	4136.9 kPa
Materials in contact with fluid	Stainless steel type AISI 303 Nitrile (NBR) Ceramic
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 80...1000 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 0.15...80 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	65.5 mm

Environment

Standards	CE IEC 61326-2-3
Product certifications	RCM[RETURN]UL 508[RETURN]CSA C22.2 No 14
Protective treatment	TC
Ambient air temperature for operation	0…80 °C
Ambient air temperature for storage	-25…80 °C
Vibration resistance	20 gn (f = 9…2000 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

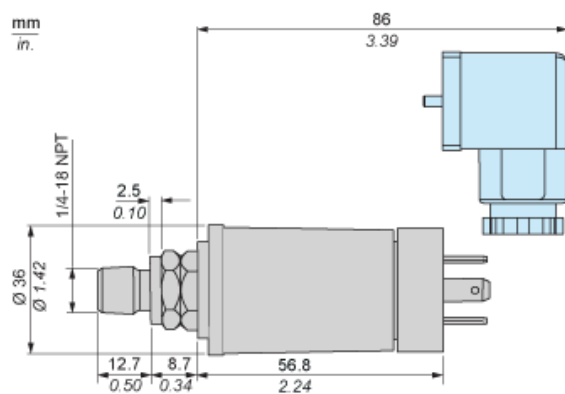|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.0 cm
Package 1 Width	20.0 cm
Package 1 Length	20.0 cm
Package 1 Weight	110.0 g
Unit Type of Package 2	CAR
Number of Units in Package 2	25
Package 2 Height	11.0 cm
Package 2 Width	20.0 cm
Package 2 Length	20.0 cm
Package 2 Weight	2.75 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 to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months

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Dimensions

Wiring Diagram

2-Wire Technique (4-20 mA)

(a)   I out

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Output Curves