### XMLP025BC21F

Electronic pressure sensors, Pressure sensors XM, transmitter, XMLP, 25 bar, G1/4 A male, 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	XMLP
Electrical circuit type	Control circuit
Pressure rating	25 bar
Local display	Without
Controlled fluid	Air (-30135 °C) Fresh water (0135 °C) Hydraulic oil (-30135 °C) Gas (-30135 °C) Refrigeration fluid (-30135 °C)
Fluid connection type	G 1/4A (male) conforming to DIN 3852-E
Electrical connection	1 male connector EN 175301-803-A (ex DIN43650) 3 pins
[Us] rated supply voltage	1224 V DC SELV (voltage limits: 733 V)
Current consumption	< 23 mA
Type of output signal	Analogue
Analogue output function	420 mA, 2-wire
Quantity per set	Set of 1
Type of packing	Individual

#### Complementary

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Pressure setting range	025 bar
Maximum permissible accidental pressure	75 bar
Destruction pressure	150 bar
Materials in contact with fluid	Fluorocarbon FPM Stainless steel AISI 316L
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, 4 kV contact 1.2/50 µs shock waves immunity test conforming to IEC 61000-4-5 1 kV 42 Ohm Immunity to magnetic fields conforming to IEC 61000-4-8 100 A/m 50 Hz Electrical fast transient/burst immunity test conforming to IEC 61000-4-4 4 kV Susceptibility to electromagnetic fields conforming to IEC 61000-4-3 10 V/m 803000 MHz Radiated RF fields conforming to IEC 61000-4-6 10 V 0.0180 MHz
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	<= 2 ms 1090 % of full scale
Measurement accuracy	+/- 0.5 % of the measuring range
Resolution	0.1 % of the measuring range
Drift of the sensitivity	+/- 0.02 % of measuring range/°K
Drift of the zero point	+/- 0.02 % of measuring range/°K
Mechanical durability	10000000 cycles
Net weight	0.106 kg

Diameter	26 mm
Length	60.6 mm

#### **Environment**

Standards	NSF ANSI 61 IEC 61326-2-3	
Product certifications	CE[RETURN]cULus[RETURN]RCM	
Protective treatment	TC	
Ambient air temperature for operation	-3085 °C	
Ambient air temperature for storage	-50100 °C	
Vibration resistance	20 gn (f = 152000 Hz) conforming to IEC 60068-2-6	
Shock resistance	100 gn for 11 ms conforming to IEC 60068-2-27	
IP degree of protection	IP65 conforming to IEC 60529	

#### **Packing Units**

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.300 cm
Package 1 Width	4.700 cm
Package 1 Length	8.900 cm
Package 1 Weight	112.000 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	2.883 kg

### Offer Sustainability

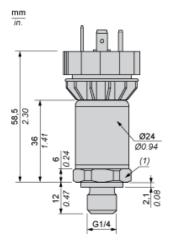
Green Premium product
No need of specific recycling operations
WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
sustainability@tesensors.com



# Product data sheet Dimensions Drawings

## XMLP025BC21F

#### **Dimensions**

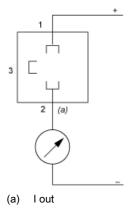


(1) SW24 tightening torque ≤ 25 N.m / 221 lb-in

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#### Wiring Diagram

#### 2-Wire Technique (4-20 mA)



# Product data sheet Performance Curves

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#### Curves

