

# Product data sheet

Specifications



## pressure transmitter - XMLP - 100bars - G1/4A male - 0..10V - DIN - set of 1

XMLP100BC72

 **Discontinued on:** Oct 31, 2017

 **Discontinued**

### 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	100 bar
Local Display	Without
Controlled Fluid	Fresh water (0...120 °C) Air (-30...120 °C) Hydraulic oil (-30...120 °C) Gas (-30...120 °C) Refrigeration fluid (-30...120 °C)
Fluid Connection Type	G 1/4A (male) conforming to DIN 3852-A
Electrical Connection	1 male connector EN 175301-803-A (ex DIN43650) 3 pins
[Us] Rated Supply Voltage	24 V DC SELV (voltage limits: 14...30 V)
Current Consumption	< 10 mA
Type Of Output Signal	Analogue
Analogue Output Function	0...10 V, 3-wire
Quantity Per Set	Set of 1
Type Of Packing	Individual

### Complementary

Pressure Setting Range	0...100 bar
Maximum Permissible Accidental Pressure	200 bar
Destruction Pressure	600 bar
Materials In Contact With Fluid	Stainless steel type AISI 304 Stainless steel type 17-4PH
Operating Position	Any position
Protection Type	Reverse polarity Load short-circuit

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electromagnetic Compatibility	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 Electrostatic discharge immunity test conforming to IEC 61000-4-2 8 kV air, 4 kV contact
[Uimp] Rated Impulse Withstand Voltage	0.5 kV
Response Time On Output	< 5 ms 92 % of full scale
Measurement Accuracy	+/- 0.5 % of the measuring range
Resolution	Infinity
Drift Of The Sensitivity	+/- 0.02 % of measuring range/°K
Drift Of The Zero Point	+/- 0.02 % of measuring range/°K
Long Term Stability	+/- 0.2 % of the measuring range
Mechanical Durability	10000000 cycles
Net Weight	0.05 kg
Diameter	30 mm
Length	25 mm
Scale Type	Fixed differential

## Environment

Standards	CE EN/IEC 61326-1
Product Certifications	cULus RCM
Protective Treatment	TC
Ambient Air Temperature For Operation	-30...100 °C
Ambient Air Temperature For Storage	-30...100 °C
Vibration Resistance	20 gn (f = 10...2000 Hz) conforming to EN/IEC 60068-2-64
Shock Resistance	25 gn for 11 ms conforming to IEC 60068-2-27
Ip Degree Of Protection	IP65 conforming to IEC 60529

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

## Contractual warranty

Warranty	18 months
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