## XMLPM09BD71V

pressure transmitter - XMLP - -1+9bar - G1/4A male - 0..10V - M12 - set of 1



#### Main

Range of product	OsiSense XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor name	XMLP
Electrical circuit type	Control circuit
Pressure sensor size	-19 bar
Local display	Without
Controlled fluid	Air -20120 °C Fresh water 0120 °C Hydraulic oil -20120 °C Gas -20120 °C Refrigeration fluid -20120 °C
Fluid connection type	G 1/4A (male) conforming to DIN 3852-E
Electrical connection	1 male connector M12 4 pins
[Us] rated supply voltage	24 V DC SELV, voltage limits: 1430 V
Current consumption	< 10 mA
Type of output signal	Analogue
Analogue output function	010 V, 3-wire
Quantity per set	Set of 1
Type of packing	Individual

#### Complementary

Complementary	
Pressure setting range	-19 bar
Maximum permissible accidental pressure	20 bar
Destruction pressure	100 bar
Materials in contact with fluid	Stainless steel type 17-4PH Stainless steel type AISI 304 Fluorocarbon FKM (Viton)
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Electromagnetic compatibility	Susceptibility to electromagnetic fields conforming to EN/IEC 61000-4-3 - test level 10 V/m (f = 801000 MHz)  Electrical fast transient/burst immunity test conforming to EN/IEC 61000-4-4 - test level 2 kV  1.2/50 µs shock waves immunity test conforming to EN/IEC 61000-4-5 - test level 500 V 12 Ohm, 1 kV 42 Ohm  Radiated RF fields conforming to EN/IEC 61000-4-6 - test level 10 V (f = 0.1580 MHz)  Electrostatic discharge immunity test conforming to EN/IEC 61000-4-2 - test level 8 kV air, 4 kV contact
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	< 5 ms
Measurement accuracy	+/- 0.5 % of the measuring range
Repeat accuracy	+/- 0.1 % of the measuring range
Mechanical durability	>= 10000000 cycles
Product weight	0.05 kg
Diameter	30 mm
Length	26 mm

#### **Environment**

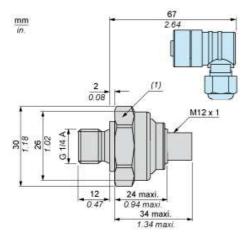
Standards	CE EN/IEC 61326-1
Product certifications	CULus RCM EAC
Protective treatment	TC
Ambient air temperature for operation	-30100 °C
Ambient air temperature for storage	-30100 °C
Vibration resistance	20 gn (f = 102000 Hz) conforming to EN/IEC 60068-2-64
Shock resistance	25 gn for 11 ms conforming to EN/IEC 60068-2-27
IP degree of protection	IP65 conforming to EN/IEC 60529 IP67 conforming to EN/IEC 60529 IP69K conforming to DIN 40050



# Product data sheet Dimensions Drawings

## XMLPM09BD71V

### **Dimensions**



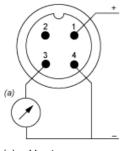
(1) SW27 Tightening torque ≤ 25 Nm / 221 Lb-in

## Product data sheet Connections and Schema

# XMLPM09BD71V

## Wiring Diagram

## 3-Wire Technique (0-10 V)



(a) V out

# Product data sheet Performance Curves

# XMLPM09BD71V

### Curves

