

# XMLPM09BD290

pressure transmitter - XMLP - -1+9bar - 7/16 female  
- 4..20mA - 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	-1...9 bar
Local display	Without
Controlled fluid	Fresh water 0...135 °C Air -40...135 °C Hydraulic oil -40...135 °C Gas -40...135 °C Refrigeration fluid -40...135 °C
Fluid connection type	SAE 7/16-20UNF-2B (female) with schrader
Electrical connection	1 male connector M12 4 pins
[Us] rated supply voltage	12...24 V DC SELV, voltage limits: 7...33 V
Current consumption	< 23 mA
Type of output signal	Analogue
Analogue output function	4...20 mA, 2-wire
Quantity per set	Set of 1
Type of packing	Individual

## Complementary

Pressure setting range	-1...9 bar
Maximum permissible accidental pressure	30 bar
Destruction pressure	60 bar
Materials in contact with fluid	Stainless steel type AISI 303
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Electromagnetic compatibility	Electrostatic discharge immunity test conforming to EN/IEC 61000-4-2 - test level 8 kV air, 4 kV contact 1.2/50 µs shock waves immunity test conforming to EN/IEC 61000-4-5 - test level 1 kV (f = 42 Ohm) Immunity to magnetic fields conforming to EN/IEC 61000-4-8 - test level 100 A/m (f = 50 Hz) Electrical fast transient/burst immunity test conforming to EN/IEC 61000-4-4 - test level 4 kV Susceptibility to electromagnetic fields conforming to EN/IEC 61000-4-3 - test level 10 V/m (f = 80...3000 MHz) Radiated RF fields conforming to EN/IEC 61000-4-6 - test level 10 V (f = 0.01...80 MHz)
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	<= 2 ms for 10...90 % of full scale
Measurement accuracy	+/- 0.5 % of the measuring range
Accuracy	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
Product weight	0.1 kg
Diameter	26 mm

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Length 44 mm

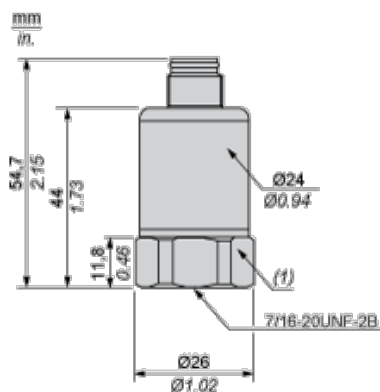
## Environment

standards	EN/IEC 61326-2-3 NSF ANSI 61
product certifications	CE CULus RCM EAC
protective treatment	TC
ambient air temperature for operation	-30...85 °C
ambient air temperature for storage	-50...100 °C
vibration resistance	20 gn (f = 15...2000 Hz) conforming to EN/IEC 60068-2-6
shock resistance	100 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 EN/IEC 60529

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1723 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

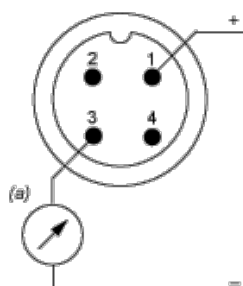
## Dimensions



(1) SW24 tightening torque  $\leq 10$  N.m / 221 lb-in

## Wiring Diagram

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



(a) I out

## Curves

