

# XMLG001D21

pressure sensor XMLG - 0..1 bar - G 1/4A  
(male) - 24 V - 4..20 mA - set of 1



## Main

Commercial Status	Commercialised
Range of product	OsiSense XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor name	XMLG
Pressure sensor size	1 bar
Fluid connection type	G 1/4A (male) conforming to ISO 228
Controlled fluid	Fresh water (0...125 °C) Hydraulic oil (-15...125 °C) Corrosive fluid (-15...125 °C) Air (-15...125 °C)
Type of output signal	Analogue
Analogue output function	4...20 mA, 2 wires
Electrical connection	3 pins 1 male connector M12
[Us] rated supply voltage	12/24 V DC, voltage limits: 8...33 V
Quantity per set	Set of 1
Type of packing	Individual
Diameter	22.8 mm

## Complementary

Pressure setting range	0...1 bar
Maximum permissible accidental pressure	2.7 bar
Destruction pressure	3 bar
Local display	Without
Electrical circuit type	Control circuit
Current consumption	< 20 mA
Materials in contact with fluid	Ceramic FPM PPS Stainless steel type AISI 303
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Surge withstand	500 kV (12 Ohm) conforming to EN/IEC 61000-4-5 1 kV (42 Ohm) conforming to EN/IEC 61000-4-5
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	< 2 ms
Drift of the sensitivity	+/- 0.015 % of measuring range/°C
Drift of the zero point	+/- 0.015 % of measuring range/°C
Measurement accuracy	+/- 0.3 % of the measuring range
Repeat accuracy	+/- 0.1 % of the measuring range
Mechanical durability	>= 10000000 cycles
Product weight	0.095 kg
Height	72 mm

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## Environment

Standards	CE EN 50081-1 EN 50082-2 EN 61000-6-2 EN/IEC 60947-1 EN/IEC 60947-5-1
Product certifications	CSA UL
Protective treatment	TC
Ambient air temperature for operation	-15...85 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	20 gn (f = 9...2000 Hz) conforming to EN/IEC 60028-2-6
Shock resistance	25 gn for 11 ms conforming to EN/IEC 60068-2-27
Resistance to electrostatic discharge	8 kV (on contact) conforming to EN/IEC 61000-4-2 15 kV (in air) conforming to EN/IEC 61000-4-2
Resistance to electromagnetic fields	200 V/m (80...1000 Hz) conforming to EN/IEC 61000-4-3
Resistance to fast transients	4 kV conforming to EN/IEC 61000-4-4
Resistance to conducted disturbances, induced by radio frequency fields	30 V (0.15...80 Hz) conforming to EN/IEC 61000-4-6
Resistance to magnetic fields	30 A/m (50 Hz) conforming to EN/IEC 61000-4-8
IP degree of protection	IP67 conforming to EN/IEC 60529 IP66 conforming to EN/IEC 60529
NEMA degree of protection	NEMA 4

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0627 - <a href="#">Schneider Electric declaration of conformity</a>