# **XMLG006D71**

pressure sensor XMLA - 0..6 bar - G 1/4A (male) - 24 V - 0..10 V



### Main

Range of product	OsiSense XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor name	XMLG
Pressure sensor size	6 bar
Fluid connection type	G 1/4A (male) conforming to DIN 3852-E
Controlled fluid	Air (-15125 °C) Corrosive fluid (-15125 °C) Hydraulic oil (-15125 °C) Fresh water (0125 °C)
Type of output signal	Analogue
Analogue output function	010 V, 3 wires
Electrical connection	3 pins 1 male connector M12
[Us] rated supply voltage	24 V DC, voltage limits: 11.433 V
Quantity per set	Set of 1
Type of packing	Individual
Diameter	22.8 mm

### Complementary

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Pressure setting range	06 bar
Maximum permissible accidental pressure	13.5 bar
Destruction pressure	15 bar
Local display	Without
Electrical circuit type	Control circuit
Current consumption	< 20 mA
Materials in contact with fluid	Ceramic FPM (Viton) Stainless steel type AISI 303
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Surge withstand	1 kV (42 Ohm) conforming to EN/IEC 61000-4-5 500 kV (12 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	58.1 mm
Length	48.5 mm

### **Environment**

standards	CE EN/IEC 61326-2-3	
product certifications	UL 508 CSA C22.2 No 14 EAC	

protective treatment	TC
ambient air temperature for operation	-1585 °C
ambient air temperature for storage	-4085 °C
vibration resistance	20 gn (f = 92000 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	15 kV (in air) conforming to EN/IEC 61000-4-2 8 kV (on contact) conforming to EN/IEC 61000-4-2
resistance to electromagnetic fields	200 V/m (801000 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	30 V (0.1580 Hz) conforming to EN/IEC 61000-4-6
resistance to magnetic fields	30 A/m conforming to EN/IEC 61000-4-8
IP degree of protection	IP66 conforming to EN/IEC 60529 IP67 conforming to EN/IEC 60529
NEMA degree of protection	NEMA 4

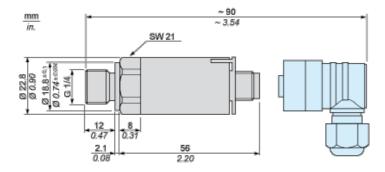
## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

## Contractual warranty

Warranty period	18 months
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### **Dimensions**



## **Wiring Diagram**

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



## **Output Curves**

