## XMLK016B2D21

pressure sensor XMLK - 0..16bar - G 1/4A - 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	XMLK
Electrical circuit type	Control circuit
Pressure sensor size	16 bar
Local display	Without
Controlled fluid	Air 080 °C Fresh water 080 °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: 833 V
Current consumption	< 20 mA
Type of output signal	Analogue
Analogue output function	420 mA, 2-wire
Quantity per set	Set of 1
Type of packing	Individual

#### Complementary

Complementary	
Pressure setting range	016 bar
Maximum permissible accidental pressure	32 bar
Destruction pressure	48 bar
Materials in contact with fluid	Ceramic Nitrile (NBR) 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, 6 kV contact 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) Immunity to magnetic fields conforming to EN/IEC 61000-4-8 - test level 30 A/m (f = 50 Hz)
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	< 5 ms
Drift of the sensitivity	+/- 0.04 % of measuring range/°K
Drift of the zero point	+/- 0.03 % of measuring range/°K
Measurement accuracy	+/- 1 % of the measuring range
Repeat accuracy	+/- 0.3 % of the measuring range
Mechanical durability	>= 10000000 cycles
Product weight	0.11 kg
Diameter	36 mm
Length	67.5 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interested for a set of for determining suitability or intelability of these products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluating of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

#### **Environment**

Standards	CE	
	EN/IEC 61326-2-3	
Product certifications	UL 508	
	RCM	
	CSA C22.2 No 14	
	EAC	
Protective treatment	TC	
Ambient air temperature for operation	080 °C	
Ambient air temperature for storage	-2580 °C	
Vibration resistance	20 gn (f = 92000 Hz) conforming to EN/IEC 60068-2-6	
Shock resistance	25 gn for 11 ms conforming to EN/IEC 60068-2-27	
IP degree of protection	IP65 conforming to EN/IEC 60529	
NEMA degree of protection	NEMA 4	

## Offer Sustainability

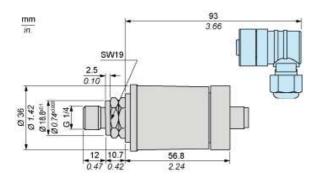
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1001 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold



# Product data sheet Dimensions Drawings

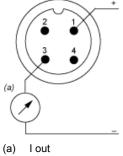
# XMLK016B2D21

#### **Dimensions**



## Wiring Diagram

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



# Product data sheet Performance Curves

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#### **Output Curves**

