

# Product data sheet

## Characteristics

# XMLK010B2C21

Electronic pressure sensors, Pressure sensors XM, sensor XMLK, 0...10 bar, G 1/4 A, 4...20 mA, DIN, set of 1

Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 77.00 USD



### 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 Rating	145.04 Psi (10 bar)
Local display	Without
Current Consumption	< 20 mA
Type of output signal	Analogue
Quantity per Set	Set of 1
Type of Packing	Individual

### Complementary

Pressure setting range	0.00...145.04 Psi (0...10 bar)
Maximum permissible accidental pressure	290.08 Psi (20 bar)
Destruction pressure	435.11 Psi (30 bar)
Materials in contact with fluid	Stainless steel type AISI 303 Nitrile (NBR) Ceramic
Operating position	Any position
Protection Type	Load short-circuit Reverse polarity
[Uimp] rated impulse withstand voltage	0.5 KV
Measurement accuracy	+/- 1 % of the measuring range
Accuracy	0.1 % of the measuring range
Drift of the sensitivity	+/- 0.04 % of measuring range/°K
Drift of the zero point	+/- 0.03 % of measuring range/°K
Repeat accuracy	+/- 1 % of the measuring range
Mechanical durability	10000000 Cycles
Product Weight	0.24 Lb(US) (0.11 kg)

Diameter	1.42 In (36 mm)
Length	2.66 In (67.5 mm)
Scale type	Fixed differential

## Environment

Standards	EN/IEC 61326-2-3 CE
Product Certifications	RCM CSA C22.2 No 14 EAC UL 508
Protective treatment	TC
Ambient Air Temperature for Operation	32...176 °F (0...80 °C)
Ambient Air Temperature for Storage	-13...176 °F (-25...80 °C)
NEMA degree of protection	NEMA 4

## Ordering and shipping details

Category	21561 - XMLK,XMLP PRESSURE TRANSMITTERS
Discount Schedule	DS2
GTIN	3389119048408
Nbr. of units in pkg.	1
Package weight(Lbs)	4.66 Oz (132 g)
Returnability	No
Country of origin	CH

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.61 In (4.1 cm)
Package 1 width	2.60 In (6.6 cm)
Package 1 Length	3.74 In (9.5 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	24
Package 2 Weight	7.35 Lb(US) (3.336 kg)
Package 2 Height	5.91 In (15 cm)
Package 2 width	5.91 In (15 cm)
Package 2 Length	15.75 In (40 cm)

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
----------	-----------

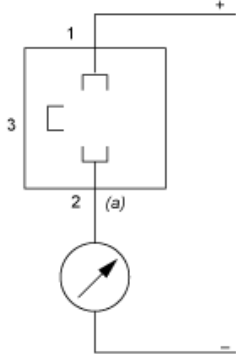


---

Wiring Diagram

---

2-Wire Technique (4-20 mA)

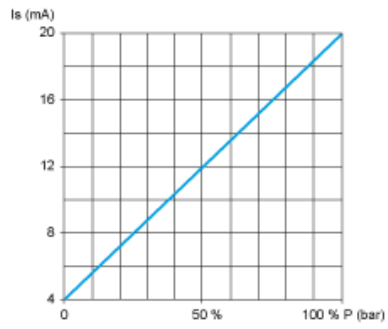


(a) I out

---

Output Curves

---



Product Life Status : Commercialised