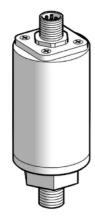
### XMLE060U1C31

pressure sensor 60 bar - G1/4A (male) - 24 V - NC



# Main

Range of product	Telemecanique Pressure sensors XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Electronic pressure sensor
Pressure rating	60 bar
Pressure sensor name	XMLE
Controlled fluid	Air (-1580 °C) Corrosive fluid (-1580 °C) Hydraulic oil (-1580 °C) Fresh water (080 °C)
Fluid connection type	G 1/4A (male) conforming to ISO 228
Type of output signal	Discrete
Discrete output type	Solid state NPN, 1 NC
Electrical connection	Male connector EN 175301-803-A (ex DIN43650)
Adjustable range of switching point on rising pressure	4.260 bar
Adjustable range of switching point on falling pressure	358.8 bar
[Us] rated supply voltage	24 V DC, voltage limits: 1133 V
Diameter	40 mm

#### Complementary

Enclosure material	Anodised aluminium
Type of installation	Control circuit
Operating position	Any position
Materials in contact with fluid	Stainless steel type AISI 303
Pressure switch type of operation	Regulation between 2 thresholds
Possible differential minimum at low setting	1.2 bar
Possible differential maximum at high setting	1.2 bar
Maximum permissible accidental pressure	120 bar
Maximum permissible pressure - per cycle	60 bar
Destruction pressure	180 bar
Drift of the sensitivity	+/- 0.015 % of measuring range/°C
Drift of the zero point	+/- 0.03 % of measuring range/°C
Protection type	Overload protection Short-circuit
	Reverse polarity
Scale type	Adjustable differential
Local display	Without
Current consumption	< 15 mA
Mechanical durability	10000000 cycles
Response time on output	< 5 ms
Measurement accuracy	+/- 0.3 % of the measuring range
Net weight	0.27 kg

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 interest of and is not to be used for determining suitability or flushed products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

#### **Environment**

IP degree of protection	IP65
Vibration resistance	35 gn (f = 602000 Hz) 5 gn (f = 25200 Hz)
Protective treatment	TC
Shock resistance	50 gn
Standards	EN 50082 EN 50081 CE
Product certifications	CSA[RETURN]UL
Ambient air temperature for operation	-1580 °C

#### **Packing Units**

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	

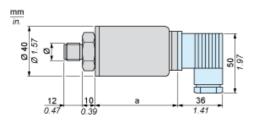
#### Contractual warranty

Warranty	18 months
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# Product data sheet Dimensions Drawings

# XMLE060U1C31

#### **Dimensions**



Ø: G 1/4 (male) Dimensions in mm

a	
75	

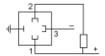
Dimensions in in.

а	
2.95	

### Product data sheet Connections and Schema

## XMLE060U1C31

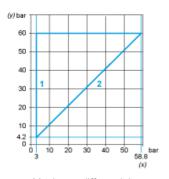
#### Wiring Diagram



### Product data sheet **Performance Curves**

# XMLE060U1C31

#### **Operating Curves**



- Maximum differential
   Minimum differential Maximum differential

- (y) Rising pressure(x) Falling pressure