



## Main

Range of Product	Telemecanique Pressure sensors XM
Pressure sensor type	Electromechanical pressure sensor
Product Specific Application	ATEX D
Pressure sensor name	XMLB
Electrical circuit type	Control circuit
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Pressure Rating	14.50 psi (1 bar)
Local display	With
Fluid connection type	G 1/4 (female) ISO 228
Adjustable range of switching point on falling pressure	0.15...13.63 psi (0.01...0.94 bar)
Adjustable range of switching point on rising pressure	0.73...14.50 psi (0.05...1 bar)
Possible differential maximum at high setting	10.88 psi (0.75 bar)
Maximum permissible accidental pressure	32.63 psi (2.25 bar)
Destruction pressure	65.27 psi (4.5 bar)
Pressure actuator	Diaphragm
Controlled fluid	Air 32...158 °F (0...70 °C)) Hydraulic oil 32...158 °F (0...70 °C))
Materials in contact with fluid	FPM, FKM Stainless steel Steel
Enclosure Material	Zinc alloy

## Complementary

Maximum permissible pressure - per cycle	18.13 psi (1.25 bar)
Cable entry number	1 tapped entry M20 x 1.5 cable gland (included)
Terminal block type	4 terminals
Repeat accuracy	2 %
Auxiliary contacts operation	Snap action
Contacts material	Silver contacts
Mechanical durability	4000000 cycles
Setting	External
Terminals description ISO n°1	(13-14-11-12)OF
Height	6.38 in (162 mm)
Depth	4.33 in (110 mm)
Width	4.33 in (110 mm)

## Environment

Standards	EN/IEC 60079-0 EN/IEC 60079-31
Directives	2014/34/EU - ATEX directive
Product Certifications	INERIS 04ATEX0058 IEC-Ex INE 17.0019
Marking	II2 D-Ex tb IIIC T85°C Db IP66
Protective treatment	TC
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Operating position	Any position

## Ordering and shipping details

Category	22661 - XMLA,B,C,D PRESSURE SWITCHES
Discount Schedule	DS2
GTIN	3389118027121
Nbr. of units in pkg.	1
Package weight(Lbs)	5.67 lb(US) (2.573 kg)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	6.30 in (16 cm)
Package 1 width	5.91 in (15 cm)
Package 1 Length	5.91 in (15 cm)

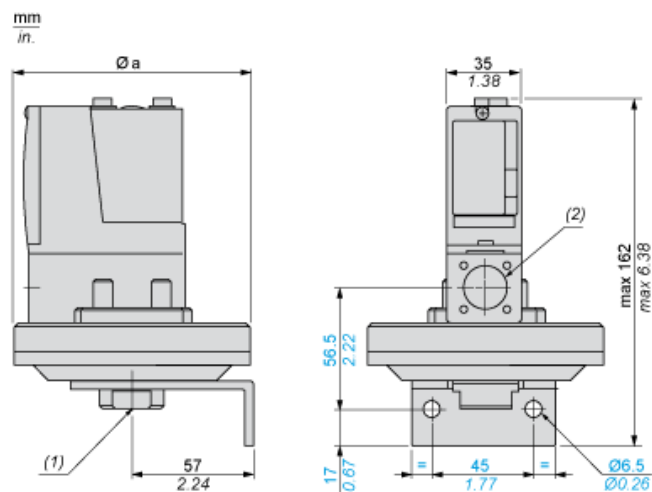
## Offer Sustainability

Sustainable offer status	Green Premium product
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 Di-isodecyl 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>
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>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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## Dimensions



Ø a = 110 mm / 4.33 in.

- (1) 1 fluid entry, tapped G1/4 (BSP female)
- (2) 1 electrical connections entry, tapped M20 x 1.5

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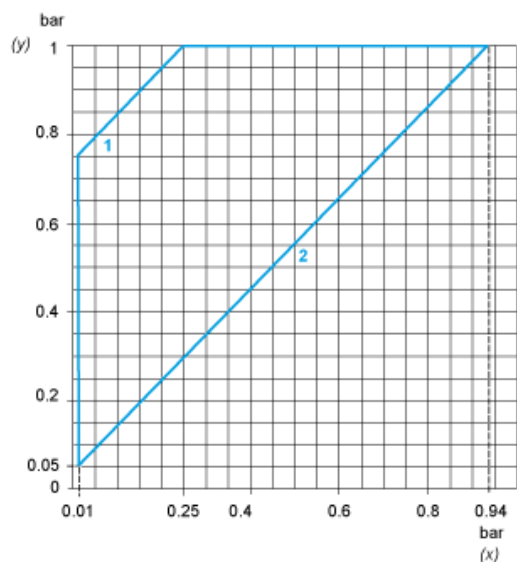
## Wiring Diagram

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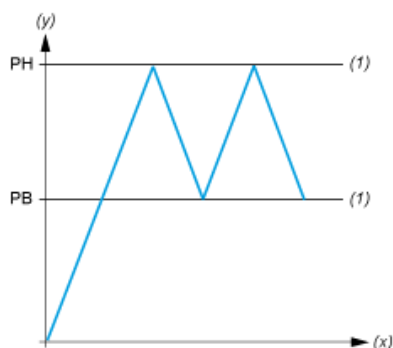
## Terminal Model



## Operating Curves



- (y) Rising pressure
- (x) Falling pressure
- 1 : Maximum differential
- 2 : Minimum differential



- (y) Pressure
- (x) Time
- (1) Adjustable value
- PH : High point
- PB : Below point

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