



## Main

Range of Product	Telemecanique Pressure sensors XM
Product or Component Type	Electromechanical pressure sensor
Pressure sensor type	Electromechanical pressure sensor
Device short name	XMLA
Pressure Rating	1015.3 psi (70 bar)
Controlled fluid	Hydraulic oil 32...320 °F (0...160 °C))
Fluid connection type	G 1/4 (female) ISO 228
Electrical connection	Screw-clamps terminals, 1 x 0.5...2 x 2.5 mm <sup>2</sup> 1 connector Pg 13
AWG Gauge	AWG 20...AWG 14
Cable entry	Cable gland 0.4...0.5 in (9...13 mm)
Contacts type and composition	1 C/O
Product Specific Application	-
Pressure switch type of operation	Detection of 1 single threshold
Electrical circuit type	Control circuit
Scale type	Fixed differential
Local display	With
Adjustable range of switching point on rising pressure	72.5...1015.3 psi (5...70 bar)
Adjustable range of switching point on falling pressure	29.008...906.5 psi (2...62.5 bar)
Maximum permissible accidental pressure	2320.6 psi (160 bar)
Destruction pressure	4641.2 psi (320 bar)
Pressure actuator	Piston
Materials in contact with fluid	Steel FPM, FKM Brass PTFE
Enclosure Material	Zinc alloy
Line Rated Current	3 A, B300, AC-15 (U <sub>e</sub> = 120 V)IEC 60947-5-1 1.5 A, B300, AC-15 (U <sub>e</sub> = 240 V)IEC 60947-5-1 0.1 A, R300, DC-13 (U <sub>e</sub> = 250 V)IEC 60947-5-1

## Complementary

Natural differential at low setting	43.5 psi (3 bar) +/- 1 bar)
Natural differential at high setting	108.8 psi (7.5 bar) +/- 1 bar)
Maximum permissible pressure - per cycle	1305.3 psi (90 bar)
Terminal block type	4 terminals
Maximum operating rate	60 cyc/mn
Repeat accuracy	2 %
[Ui] rated insulation voltage	300 V UL 508 500 V IEC 60947-1 300 V CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1

Auxiliary contacts operation	Snap action
Contacts material	Silver contacts
Maximum resistance across terminals	25 MOhm IEC 255-7 category 3 25 mOhm NF C 93-050 method A
Short-circuit protection	10 A cartridge fuse gG (gl)
Mechanical durability	6000000 cycles
Setting	External
Height	4.4 in (113 mm)
Depth	3.0 in (75 mm)
Width	1.4 in (35 mm)
Net Weight	1.532 lb(US) (0.695 kg)

## Environment

Standards	CSA C22.2 No 14 UL 508 CE IEC 60947-5-1
Product Certifications	LROS (Lloyds register of shipping) [RETURN]CCC[RETURN]BV[RETURN]UL[RETURN]CSA
Protective treatment	TC standard version
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Operating position	Any position
Vibration resistance	4 gn 30...500 Hz)IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27
Electrical shock protection class	Class I IEC 1140 Class I IEC 536 Class I NF C 20-030
IP degree of protection	IP66 conforming to IEC 60529


## Ordering and shipping details

Category	US10DS222661
Discount Schedule	0DS2
GTIN	3389110712025
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.57 in (4.000 cm)
Package 1 Width	4.76 in (12.100 cm)
Package 1 Length	3.39 in (8.600 cm)
Package 1 Weight	25.961 oz (736.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	13
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	22.026 lb(US) (9.991 kg)

## 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>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes
Circularity Profile	No need of specific recycling operations

## Contractual warranty

Warranty	18 months
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