



Main

Range of product	OsiSense XM
Product or component type	Electromechanical pressure sensor
Pressure sensor type	Electromechanical pressure sensor
Device short name	XMLA
Pressure sensor size	2320.6 psi (160 bar)
Controlled fluid	Air (32...320 °F (0...160 °C)) Corrosive fluid (32...320 °F (0...160 °C))
Fluid connection type	G 1/4 (female) conforming to ISO 228
Electrical connection	1 male connector EN 175301-803-A (ex DIN43650) 4 pins
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	145.04...2320.6 psi (10...160 bar)
Adjustable range of switching point on falling pressure	65.27...2059.54 psi (4.5...142 bar)
Maximum permissible accidental pressure	5221.36 psi (360 bar)
Destruction pressure	10442.72 psi (720 bar)
Pressure actuator	Piston
Materials in contact with fluid	FPM, FKM PTFE 316L stainless steel
Enclosure material	Zinc alloy
[In] rated current	3 A, B300, AC-15 (Ue = 120 V) conforming to EN/IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 240 V) conforming to EN/IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1

Complementary

Natural differential at low setting	79.77 psi (5.5 bar) (+/- 1 bar)
Natural differential at high setting	261.07 psi (18 bar) (+/- 3 bar)

Maximum permissible pressure - per cycle	2900.75 psi (200 bar)
Terminal block type	4 terminals
Operating rate	60 cyc/mn
Repeat accuracy	< 2 %
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
Auxiliary contacts operation	Snap action
Contacts material	Silver contacts
Resistance across terminals	< 25 mOhm conforming to IEC 255-7 category 3 < 25 mOhm conforming to NF C 93-050 method A
Short-circuit protection	10 A cartridge fuse type gG (gl)
Mechanical durability	6000000 cycles
Setting	External
Height	4.45 in (113 mm)
Depth	2.95 in (75 mm)
Width	1.38 in (35 mm)
Product weight	1.72 lb(US) (0.78 kg)

Environment

Standards	CE EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14
Product certifications	BV CCC CSA LROS (Lloyds register of shipping) UL EAC
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 (f = 30...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn conforming to IEC 60068-2-27
Electrical shock protection class	Class I conforming to IEC 1140 Class I conforming to IEC 536 Class I conforming to NF C 20-030
IP degree of protection	IP65 conforming to EN/IEC 60529

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0928 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov