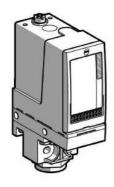
## XMLA010A2S13

# pressure switch XMLA 10 bar - fixed scale 1 threshold - 1 C/O





#### Main

contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Destruction pressure  At bar  Pressure actuator  Diaphragm  Materials in contact with fluid  Enclosure material  Zinc alloy  [In] rated current  1 C/O  1 C/O  Detection of 1 single threshold  Octrouit  Control circuit  Octrouit  Octrouit	IVIAIII	
Pressure sensor type	Range of product	OsiSense XM
Device short name XMLA  Pressure sensor size 10 bar  Controlled fluid Air (070 °C) Fresh water (070 °C) Hydraulic oil (070 °C) Fresh water (070 °C) Hydraulic oil (070 °C) Fluid connection type 1/4" - 18 NPTF (female)  Electrical connection Screw-clamps terminals 1 x 0.52 x 2.5 mm²  AWG gauge AWG 20AWG 14  Cable entry number 1 tapped entry (1/2" NPT) forcable gland , cable out er diameter: 713 mm  Contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type Control circuit  Scale type Fixed differential  Local display With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure 45 bar  Pressure actuator Diaphragm  Materials in contact with fluid FPM, FKM  Enclosure material Zinc alloy  [In] rated current 3 A, B300, AC-15 (Ue = 120 V) conforming to EN/ IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1 0.1 A, R300, DC-15 (Ue = 250 V) conforming to EN/ IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/		Electromechanical pressure sensor
Pressure sensor size  Controlled fluid  Air (070 °C) Fresh water (070 °C) Hydraulic oil (070 °C) Hydraulic oil (070 °C) Hydraulic oil (070 °C) Fluid connection type  1/4" - 18 NPTF (female)  Electrical connection Screw-clamps terminals 1 x 0.52 x 2.5 mm²  AWG gauge  AWG 20AWG 14  Cable entry number  1 tapped entry (1/2" NPT) forcable gland , cable out er diameter: 713 mm  Contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Pressure actuator  Diaphragm  Materials in contact with fluid  FPM, FKM  Enclosure material  Zinc alloy  [In] rated current  3 A, B300, AC-15 (Ue = 240 V) conforming to EN/ IEC 60947-5-1 1.5 A, B300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/	Pressure sensor type	Electromechanical pressure sensor
Controlled fluid  Air (070 °C) Fresh water (070 °C) Hydraulic oil (070 °C) Hydraulic oil (070 °C) Fluid connection type  1/4" - 18 NPTF (female)  Electrical connection  Screw-clamps terminals 1 x 0.52 x 2.5 mm²  AWG gauge  AWG 20AWG 14  Cable entry number  1 tapped entry (1/2" NPT) forcable gland , cable out er diameter: 713 mm  Contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Adjustable range of switching point on falling pressure  Destruction pressure  Destruction pressure  Destruction pressure  Diaphragm  Materials in contact with fluid  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, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1	Device short name	XMLA
Fresh water (070 °C) Hydraulic oil (070 °C) Fluid connection type  1/4" - 18 NPTF (female)  Electrical connection  Screw-clamps terminals 1 x 0.52 x 2.5 mm²  AWG gauge  AWG 20AWG 14  Cable entry number  1 tapped entry (1/2" NPT) forcable gland , cable out er diameter: 713 mm  Contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Diaphragm  Materials in contact with fluid  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, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1	Pressure sensor size	10 bar
Electrical connection  Screw-clamps terminals 1 x 0.52 x 2.5 mm²  AWG gauge  AWG 20AWG 14  Cable entry number  1 tapped entry (1/2" NPT) forcable gland , cable out er diameter: 713 mm  Contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Destruction pressure  A5 bar  Pressure actuator  Diaphragm  Materials in contact with fluid  Enclosure material  Zinc alloy  [In] rated current  Jinc alloy  IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1	Controlled fluid	Fresh water (070 °C)
AWG gauge  Cable entry number  1 tapped entry (1/2" NPT) forcable gland , cable out er diameter: 713 mm  Contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Pressure actuator  Materials in contact with fluid  Enclosure material  In rated current  AWG 20AWG 14  1 tapped entry (1/2" NPT) forcable gland , cable out er diameter: 713 mm  1 C/O  Detection of 1 single threshold  Ocharol circuit  Scale type  Fixed differential  With  Och10 bar  Och.	Fluid connection type	1/4" - 18 NPTF (female)
Cable entry number	Electrical connection	Screw-clamps terminals 1 x 0.52 x 2.5 mm <sup>2</sup>
er diameter: 713 mm  Contacts type and composition  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Destruction pressure  Destruction pressure  Destruction pressure  Diaphragm  Materials in contact with fluid  Enclosure material  Zinc alloy  [In] rated current  3 A, B300, AC-15 (Ue = 120 V) conforming to EN/ IEC 60947-5-1	AWG gauge	AWG 20AWG 14
position  Product specific application  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Destruction pressure  Diaphragm  Materials in contact with fluid  Enclosure material  Zinc alloy  [In] rated current  Jec 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  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1  0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/	Cable entry number	1 tapped entry (1/2" NPT) for cable gland , cable outer diameter: 713 mm
tion  Pressure switch type of operation  Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Diaphragm  Materials in contact with fluid  Enclosure material  Zinc alloy  [In] rated current  Destruction of 1 single threshold  Onticut  Scale type  Control circuit  Fixed differential  0.610 bar  Solution bar  Onticut  Solution bar  So		1 C/O
Electrical circuit type  Control circuit  Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Pressure actuator  Diaphragm  Materials in contact with fluid  FPM, FKM  Enclosure material  Zinc alloy  [In] rated current  3 A, B300, AC-15 (Ue = 120 V) conforming to EN/ IEC 60947-5-1		-
Scale type  Fixed differential  Local display  With  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Pressure actuator  Diaphragm  Materials in contact with fluid  FPM, FKM  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/		Detection of 1 single threshold
Local display  Mith  Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Pressure actuator  Diaphragm  Materials in contact with fluid  FPM, FKM  Enclosure material  Zinc alloy FPM, FKM  Enclosure material  Zinc alloy IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 120 V) conforming to EN/IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1	Electrical circuit type	Control circuit
Adjustable range of switching point on rising pressure  Adjustable range of switching point on falling pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Destruction pressure  Diaphragm  Materials in contact with fluid  FPM, FKM  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/	Scale type	Fixed differential
switching point on rising pressure  Adjustable range of switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Pressure actuator  Materials in contact with fluid  Enclosure material  Zinc alloy  FPM, FKM  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/	Local display	With
switching point on falling pressure  Maximum permissible accidental pressure  Destruction pressure  Pressure actuator  Diaphragm  Materials in contact with fluid  FPM, FKM  Enclosure material  Zinc alloy FPM, FKM  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/	switching point on rising	0.610 bar
accidental pressure  Destruction pressure  Pressure actuator  Diaphragm  Materials in contact with fluid  Enclosure material  Zinc alloy  FPM, FKM  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/	switching point on falling	0.19.5 bar
Pressure actuator  Diaphragm  Materials in contact with fluid  Enclosure material  Zinc alloy  FPM, FKM  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/	-	22.5 bar
Materials in contact with fluid   Zinc alloy   FPM, FKM	Destruction pressure	45 bar
fluid FPM, FKM  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/	Pressure actuator	Diaphragm
[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 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/	Enclosure material	Zinc alloy
	[In] rated current	IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 240 V) conforming to EN/

#### Complementary

Natural differential at low setting	0.5 bar (+/- 0.05 bar)
Natural differential at high setting	0.5 bar (+/- 0.05 bar)
Maximum permissible pressure - per cycle	12.5 bar
Terminal block type	4 terminals
Operating rate	<= 120 cyc/mn at > 0 °C
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	5000000 cycles
Setting	External
Height	113 mm
Depth	75 mm
Width	35 mm
Product weight	0.685 kg
Environment Standards	CE CSA C22.2 No 14
	EN/IEC 60947-5-1 UL 508
Product certifications	LROS (Lloyds register of shipping) CSA CCC EAC UL BV
Protective treatment	TC (standard version)
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Operating position	Any position
Vibration resistance	4 gn (f = 30500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn conforming to IEC 60068-2-27
Class of protection against electric shock	Class I conforming to IEC 1140 Class I conforming to IEC 536 Class I conforming to NF C 20-030
IP degree of protection	IP66 conforming to EN/IEC 60529
Offer Sustainability	
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0928 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0928 - Schneider Electric declaration of conformi-
	ty 🗗 Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

### Contractual warranty

Warranty period	18 months		

