



Main

Range of product	Nautilus
Pressure sensor type	Electromechanical pressure sensor
Pressure sensor name	XMLA
Electrical circuit type	Control circuit
Pressure switch type of operation	Detection of single threshold
Scale type	Fixed differential
Pressure sensor size	160 bar
Local display	With
Fluid connection type	G 1/4 female (BSPP) conforming to ISO 228
Adjustable range of switching point on falling pressure	4.5...142 bar
Adjustable range of switching point on rising pressure	10...160 bar
Maximum permissible accidental pressure	360 bar
Destruction pressure	720 bar
Electrical connection	Screw-clamps terminals 1 x 0.2...2 x 2.5 mm ²
Cable entry	1 entry tapped for Pg 13.5 cable gland 9...13 mm
Pressure actuator	Piston
Controlled fluid	Hydraulic oil ≤ 160 °C
Materials in contact with fluid	FPM, FKM PTFE Brass Steel
Enclosure material	Zinc alloy
[In] rated current	0.1 A 250 V DC-13 R300 conforming to EN/IEC 60947-5-1 1.5 A 240 V AC-15 B300 conforming to EN/IEC 60947-5-1 3 A 120 V AC-15 B300 conforming to EN/IEC 60947-5-1

Complementary

Maximum permissible pressure - per cycle	200 bar
Terminal block type	4 terminals
Operating rate	≤ 60 cyc/mn > 0 °C
Repeat accuracy	< 2 %
[Ui] rated insulation voltage	300 V conforming to CSA C22-2 No 14 300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
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 with fuse gG (gl) cartridge
Mechanical durability	6000000 cycles
Setting	External
Product weight	0.75 kg
Height	75 mm
Depth	113 mm
Width	35 mm

Environment

Standards	CE CSA C22-2 No 14 EN/IEC 60947-5-1 UL 508
Product certifications	BV CCC CSA DNV (Det Norske Veritas) GL LROS RINA UL VIT-SEPRO
Protective treatment	TC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Operating position	Any position
Vibration resistance	4 gn (f = 30...500 Hz) conforming to IEC 68-2-6
Shock resistance	50 gn conforming to IEC 68-2-27
Class of protection against electric shock	Class I conforming to NF C 20-030 Class I conforming to IEC 1140 Class I conforming to IEC 536
IP degree of protection	IP66 conforming to EN/IEC 60529
RoHS EUR conformity date	0902
RoHS EUR status	Compliant