

Product data sheet

XMAV25L2135

Pressure switch, XMA, pressure range 25 bar, adjustable scale, 1CO, 2 thresholds

Main

Range of product	Telemecanique Pressure sensors XM
Pressure sensor type	Electromechanical pressure sensor
Pressure sensor name	XMA
ETIM classification	ETIM 9 - EC000243 - Pressure switch
Enclosure material	PC impregnated with Lexan 123
Materials in contact with fluid	Canvas covered nitrile chromated zinc alloy
Colour of cover	Transparent
Pressure switch type of operation	Regulation between 2 thresholds
Operating position	Any position
Pressure sensor size	25 Bar
Maximum permissible accidental pressure	56.25 Bar
Maximum permissible pressure - per cycle	31.25 Bar
Destruction pressure	100 Bar
Pressure actuator	Diaphragm
Possible differential minimum at low setting	3.4 Bar
Possible differential minimum at high setting	4.5 Bar
Controlled fluid	Air (0-70 °C), fresh water (0-70 °C), sea water (0-70 °C)
Fluid connection type	G 1/4 (female) conforming to ISO 228
Local display	Without
Scale type	Fixed differential
Setting	External
Product certifications	CCC CSA UL
Standards	CE IEC 60947-5-1
Indivisible sale quantity	1

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Complementary

Mechanical durability	1000000 cycles
Cable entry	2 entries tapped for Pg 13.5 cable gland conforming to NF C 68-300
Repeat accuracy	3.5 %
Electrical durability	1000000 cycles, 50/60 Hz, AC-15, 240 V / 3 A, Ith = 10 A
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm²
Electrical circuit type	Control circuit
Contacts type and composition	1 C/O snap action
Terminals description ISO n°1	(13-14)NO (21-22)NC
Operating rate	10 c.p.m
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
[Ui] rated insulation voltage	500 V conforming to IEC 60947-1
[In] rated current	3 A (Ue = 120 V), AC-15, B300, 1.5 A (Ue = 240 V), AC-15, B300, 0.1 A (Ue = 250 V), DC-13, R300
Electrical shock protection class	Class I conforming to IEC 536
Short-circuit protection	10 A cartridge fuse, type gG (gI)
Adjustable range of switching point on rising pressure	3.5000...25.0000 bar
Adjustable range of switching point on falling pressure	0.1000...20.5000 bar
Height	133 mm
Width	57 mm
Depth	97.5 mm
Product weight	0.65 kg

Environment

IP degree of protection	IP54 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Protective treatment	TC

Offer Sustainability

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 www.P65Warnings.ca.gov

Warranty

Warranty	18 months

Packing Units

Country of origin	CZ (Czech Republic) MA (Morocco)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916026618
Package 1 height	6.2 cm
Package 1 width	11.4 cm
Package 1 length	17.2 cm
Package 1 weight	0.65 kg
Unit type of package 2	S03
Number of units in package 2	16
New Package 2 GTIN 14	13666916026615
Package 2 height	30 cm
Package 2 width	30 cm
Package 2 length	40 cm
Package 2 weight	11.376 kg
Unit type of package 3	CAR
Number of units in package 3	1
New Package 3 GTIN 14	23666916026612
Package 3 height	17.5 cm
Package 3 width	12 cm
Package 3 length	6.5 cm
Package 3 weight	0.687 kg