



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	40 psi
Maximum pressure	100 psi
Contacts type and composition	NC-NO, SPDT, Form C, snap action, silver nickel contacts
Controlled fluid	Air Hydraulic oil (-40...250 °F) Non-corrosive liquids Non-corrosive gas
Fluid connection type	0.5 inch 14 NPT-0.25 inch 18 NPTF conforming to UL 508
Pressure switch type of operation	Detection of 1 single threshold
Scale type	Fixed differential
Local display	Without

Complementary

Range on decreasing pressure	1...40 psi
Approx fix differential at mid range	1.2 psi +/- 2.5 % full scale
Cable entry	0.5 inch NPT conduit entrance
Terminal block type	4 screw terminals
Electrical connection	Screw-clamp terminals, AWG 22...AWG 12
Electrical circuit type	Control circuit
Local signalling	Without
[In] rated current	3 A (Ue = 240 V AC) contact code: A600 conforming to NEMA rating designation 6 A (Ue = 120 V AC) contact code: A600 conforming to NEMA rating designation 0.27 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation 0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation
Setting	Internal
Pressure actuator	Diaphragm (nitrile (Buna-N))
Height	5.41 in
Depth	2.46 in
Width	2.06 in
Operating position	Any position

Disclaimer: 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

Materials in contact with fluid	Zinc plated steel Nitrile (Buna-N)
Short-circuit protection	10 A by gL (cartridge) overload and short-circuit protection
Operating rate	<= 120 cyc/mn
Mechanical durability	5000000 cycles
Repeat accuracy	4 %
Product weight	2 lb(US)

Environment

Vibration resistance	2 gn conforming to IEC 68-2-6 (f = 40...150 Hz)
Shock resistance	50 gn conforming to IEC 58-2-27
Standards	CE UL 508 CSA C22.2 No 14
Product certifications	CE CSA LR26817 class 3218 02 UL listed file E12158 CCN NKPZ
NEMA degree of protection	No enclosure rating (open device) conforming to UL 508
Ambient air temperature for operation	-10...185 °F

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

Warranty period	18 months
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