

9012GGW1

pressure switch 9012G - adjustable scale - 2
thresholds - 0 to 75 psig



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	75 psi
Maximum pressure	100 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Air Hydraulic oil (-40...250 °F) Non-corrosive liquids Non-corrosive gas
Fluid connection type	0.25 inch 18 NPTF conforming to UL 508
Pressure switch type of operation	Monitors the difference between 2 thresholds
Scale type	Adjustable
Local display	Without

Complementary

Range on decreasing pressure	0...75 psi
Approx differential at mid range	0.8...2 psi increasing 0.25...10 psi decreasing +/- 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
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Diaphragm (nitrile (Buna-N))
Height	8.02 in
Depth	4.56 in
Width	5.05 in
Operating position	Any position
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 (-10...185 °F)
Mechanical durability	5000000 cycles
Repeat accuracy	> 0...< 4 %
Product weight	3 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

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product certifications	CE CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ and CCN NTHT
NEMA degree of protection	NEMA 4/4X/13 conforming to UL 50
ambient air temperature for operation	-10...185 °F

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be Compliant
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available