

9012GAWM5H3

pressure switch 9012G - adjustable scale - 2
thresholds - 3.0 to 150 psig



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure rating	1034.2 kPa
Maximum pressure	475 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil (-40...250 °F) Non-corrosive liquids (-40...250 °F) Air (-40...250 °F) Non-corrosive gas (-40...250 °F)
Fluid connection type	0.25 inch BS2779 parallel pipe thread conforming to UL 508
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Local display	Without

Complementary

Range on decreasing pressure	20.7 ... 1034.2 kPa
Approx adjustable differential at mid range	41.4 ... 206.8 kPa +/- 2.5 % full scale
Cable entry	20 mm BS4568 conduit entrance
Terminal block type	4 screw terminals
Electrical connection	Screw-clamp terminals, AWG 22...AWG 12
Terminal identifier	(2-4)NC (1-5)NO
Electrical circuit type	Control circuit
Local signalling	Without:
[In] rated current	1.1 A 125 V DC 3 A 120 V AC
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	140.97 mm
Depth	66.80 mm
Width	88.9 mm
Operating position	Any position
Materials in contact with fluid	Nitrile (Buna-N) Zinc plated steel
Short-circuit protection	10 A cartridge overload and short-circuit protection, type gL
Maximum operating rate	120 cyc/mn
Mechanical durability	5000000 cycles
Repeat accuracy	4 %
Net weight	1.4 kg

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Environment

Vibration resistance	2 gn (f= 40...150 Hz) conforming to IEC 68-2-6
Shock resistance	50 gn conforming to IEC 58-2-27
Standards	UL 508 CSA C22.2 No 14 CE
Product certifications	UL listed[RETURN]UL listed Marine[RETURN]CSA LR25490 class 3211 03
NEMA degree of protection	NEMA 4/4X/13 conforming to UL 50
Ambient air temperature for operation	-10...185 °F

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	61.29 cm
Package 1 Width	24.13 cm
Package 1 Length	155.677 cm
Package 1 Weight	1.361 kg

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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Contractual warranty

Warranty	18 months
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