

9012GFWM1

pressure switch 9012G - fixed scale - 1 threshold - 20 to 1000 PSIG psig



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	1000 psi
Maximum pressure	1000 psi
Contacts type and composition	NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Air Non-corrosive liquids Non-corrosive gas Hydraulic oil (-15...250 °F)
Fluid connection type	0.25 inch BS2779 parallel pipe thread conforming to UL 508
Pressure switch type of operation	Detection of 1 single threshold
Scale type	Fixed
Local display	Without

Complementary

Range on decreasing pressure	20...1000 psi
Approx differential at mid range	59 psi +/- 2.5 % full scale
Cable entry	20 mm BS4568 conduit entrance
Terminal block type	4 screw terminals
Electrical connection	Screw-clamp terminals, AWG 22...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	Piston
Height	6.24 in
Depth	4.56 in
Width	5.05 in
Operating position	Any position
Materials in contact with fluid	Teflon Viton fluorocarbon 440 stainless steel 303 stainless steel
Short circuit protection	10 A by gL (cartridge) overload and short-circuit protection
Operating rate	<= 120 cyc/mn (-10...185 °F)
Mechanical durability	3000000 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

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UL 508
CSA C22.2 No 14

Product certifications	CE CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ
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	Will be Compliant on 3Q2014 Will be Compliant on 3Q2014
Product environmental profile	Available
Product end of life instructions	Available