

Product Datasheet

Characteristic

9012GAW4

pressure switch 9012G - adjustable
scale - 2 thresholds - 1.5 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	240 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 air non-corrosive gas
fluid connection type	0.25 inch 18 NPTF conforming to UL 508
pressure switch type of operation	regulation between 2 thresholds
scale type	adjustable
local display	without

Complementary

range on decreasing pressure	1.5...75 psi
approx differential at mid range	3.5...15 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
enclosure material	die cast aluminium alloy 380
pressure actuator	diaphragm (nitrile (Buna-N))

height	5.55 in
depth	2.63 in
width	3.5 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
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	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1150 -
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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