

Product Datasheet

Characteristic

9012GNG5

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 sensor size	150 psi
maximum pressure	475 psi
contacts type and composition	NC-NO, SPDT, Form C, 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	3...150 psi
approx differential at mid range	4.2...22 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	thermoplastic
pressure actuator	diaphragm (nitrile (Buna-N))

height	6.94 in
depth	2.75 in
width	2.21 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	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 LR25490 class 3211 03 UL listed file E12158 CCN NKPZ
NEMA degree of protection	NEMA 1 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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