

9012GAW5

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



Main

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|-----------------------------------|-----------------------------------------------------------------------------------|
| 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-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 | Regulation between 2 thresholds |
| Scale type | Adjustable |
| Local display | Without |

Complementary

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|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range on decreasing pressure | 3...150 psi |
| Approx differential at mid range | 6...30 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

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|----------------------|-------------------------------------------------|
| 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 |

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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

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|----------------------------------|-----------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1150 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |