# Product data sheet
## Characteristics

# 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 | Non-corrosive gas<br>Air<br>Non-corrosive liquids<br>Hydraulic oil (-40...250 °F) |
| 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 | 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 | 0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation<br>0.27 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation<br>6 A (Ue = 120 V AC) contact code: A600 conforming to NEMA rating designation<br>3 A (Ue = 240 V AC) contact code: A600 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<br>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) |

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## 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<br>UL 508<br>CSA C22.2 No 14 |
| Product certifications | CE<br>CSA LR25490 class 3211 03<br>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 Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |