

Product Datasheet

Characteristic

9012GCW22

pressure switch 9012G - adjustable
scale - 2 thresholds - 90 to 2900 psig



Main

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|-----------------------------------|---|
| range of product | 9012G |
| pressure sensor type | Electromechanical pressure switch |
| pressure sensor name | 9012G |
| pressure sensor size | 2900 psi |
| maximum pressure | 15000 psi |
| contacts type and composition | 2(NC-NO), DPDT-DB, Form ZZ, 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 18 NPTF conforming to UL 508 |
| pressure switch type of operation | Regulation between 2 thresholds |
| scale type | Adjustable differential |
| local display | Without |

Complementary

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| range on decreasing pressure | 90...2900 psi |
| approx adjustable differential at mid range | 170...560 psi +/- 2.5 % full scale |
| cable entry | 0.5 inch NPT conduit entrance |
| terminal block type | 8 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 0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation 0.11 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation |
| setting | Internal |
| enclosure material | Die cast aluminium alloy 380 |
| pressure actuator | Piston |

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|---------------------------------|--|
| height | 6.37 in |
| depth | 2.63 in |
| width | 3.5 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 |
| mechanical durability | 3000000 cycles |
| repeat accuracy | 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 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

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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 |