



Main

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| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 1000 psi |
| Maximum pressure | 1000 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Hydraulic oil (-15...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 differential |
| Local display | Without |

Complementary

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| Range on decreasing pressure | 20...1000 psi |
| Approx adjustable differential at mid range | 59...200 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 240 V AC A600 conforming to NEMA rating designation 6 A 120 V AC A600 conforming to NEMA rating designation 0.27 A 250 V DC R300 conforming to NEMA rating designation 0.22 A 125 V DC R300 conforming to NEMA rating designation |
| Setting | Internal |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| Enclosure material | Die cast aluminium alloy 380 |
| Pressure actuator | Piston |
| Height | 6.37 in |
| Depth | 2.63 in |
| Width | 3.5 in |
| Operating position | Any position |
| Materials in contact with fluid | Teflon 303 stainless steel Viton fluorocarbon 440 stainless steel |
| Short-circuit protection | 10 A cartridge overload and short-circuit protection, type gL |
| Maximum 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 (f= 40...150 Hz) conforming to IEC 68-2-6 |
| Shock resistance | 50 gn conforming to IEC 58-2-27 |
| Standards | CE CSA C22.2 No 14 UL 508 |
| Product certifications | CE UL listed file E12158 CCN NKPZ and CCN NTHT CSA LR25490 class 3211 03 |
| 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 |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

Contractual warranty

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| Warranty | 18 months |
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