



Main

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| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 250 psi |
| Maximum pressure | 750 psi |
| Contacts type and composition | 2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts |
| Controlled fluid | Selected corrosive liquids (-15...250 °F) Selected corrosive gases |
| 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 | With range scale window |

Complementary

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| Range on decreasing pressure | 5...250 psi |
| Control type | With adjustment knob |
| Approx adjustable differential at mid range | 10...49 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 | 1 neon (red) AC/DC at 120 V (voltage limits:105...125 V) |
| [In] rated current | 6 A (Ue = 120 V AC) 0.22 A (Ue = 125 V DC) |
| Setting | External |
| Enclosure material | Die cast aluminium alloy 380 |
| Pressure actuator | Diaphragm (Viton fluorocarbon) |
| Height | 6.6 in |
| Depth | 3.11 in |
| Width | 3.5 in |
| Operating position | Any position |



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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| Materials in contact with fluid | 316 stainless steel Viton fluorocarbon |
| Short-circuit protection | 10 A by gL (cartridge) overload and short-circuit protection |
| Operating rate | <= 120 cyc/mn |
| Mechanical durability | 5000000 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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| RoHS (date code: YYWW) | Will not be compliant <i>Will not be compliant</i> |
| REACH | Reference not containing SVHC above the threshold <i>Reference not containing SVHC above the threshold</i> |
| Product environmental profile | Available  Product Environmental Profile |
| Product end of life instructions | Available  End of Life Information |

Contractual warranty

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| Warranty period | 18 months |
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