

Main

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| Range of Product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure Rating | 40 psi (275.8 kPa) |
| Maximum pressure | 100 psi |
| Contacts type and composition | 2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts |
| Controlled fluid | Hydraulic oil -40...121 °C (-40...250 °F)) Non-corrosive liquids -40...121 °C (-40...250 °F)) Air -40...121 °C (-40...250 °F)) Non-corrosive gas -40...121 °C (-40...250 °F)) |
| Fluid connection type | 0.25 inch 18 NPTF 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 | 1...40 psi (6.9...275.8 kPa) |
| Approx adjustable differential at mid range | 1.6...8 psi (11.03...55.2 kPa) +/- 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 |
| Line Rated Current | 3 A 240 V AC A600 NEMA rating designation 6 A 120 V AC A600 NEMA rating designation 0.22 A 125 V DC R300 NEMA rating designation 0.11 A 250 V DC R300 NEMA rating designation |
| Setting | Internal |
| Enclosure Material | Die cast aluminium alloy 380 |
| Pressure actuator | Diaphragm nitrile (Buna-N) |
| Height | 5.55 in (140.97 mm) |
| Depth | 2.63 in (66.80 mm) |
| Width | 3.5 in (88.9 mm) |
| Operating position | Any position |
| Materials in contact with fluid | Nitrile (Buna-N) Nitrile (Buna-N) |
| Short-circuit protection | 10 A cartridge overload and short-circuit protection gL |
| Maximum operating rate | 120 cyc/mn |
| Mechanical durability | 5000000 cycles |
| Repeat accuracy | 4 % |
| Net Weight | 3 lb(US) (1.4 kg) |

Environment

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|---------------------------------------|--|
| Vibration resistance | 2 gn 40...150 Hz)IEC 68-2-6 |
| Shock resistance | 50 gn IEC 58-2-27 |
| Standards | UL 508 CSA C22.2 No 14 CE |
| Product Certifications | UL Listed[RETURN]UL listed Marine[RETURN]CSA LR25490 class 3211 03 |
| NEMA degree of protection | NEMA 4/4X/13 UL 50 |
| Ambient Air Temperature for Operation | -23...85 °C (-10...185 °F) |


Ordering and shipping details

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|-------------------|--------------|
| Category | US1CP7G21522 |
| Discount Schedule | CP7G |
| GTIN | 785901024774 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

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|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.50 in (24.13 cm) |
| Package 1 Width | 6.25 in (15.875 cm) |
| Package 1 Length | 4.75 in (12.065 cm) |
| Package 1 Weight | 3.0005 lb(US) (1.361 kg) |

Offer Sustainability

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|----------------------------|---|
| SCIP Number | 2583cb1c-4f92-48e8-b07f-13f46b1cbe57 |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| RoHS exemption information |  Yes |

Contractual warranty

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| Warranty | 18 months |
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