

Main

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| Range of Product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure Rating | 675 psi (4654.0 kPa) |
| Maximum pressure | 2000 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, 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 | Detection of 1 single threshold |
| Scale type | Fixed |
| Local display | Without |

Complementary

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| Range on decreasing pressure | 20...675 psi (137.9...4654.0 kPa) |
| Approx fix differential at mid range | 27 psi (186.2 kPa) +/- 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 |
| Line Rated Current | 3 A 240 V AC A600 NEMA rating designation 6 A 120 V AC A600 NEMA rating designation 0.27 A 250 V DC R300 NEMA rating designation 0.22 A 125 V DC R300 NEMA rating designation |
| Setting | Internal |
| Enclosure Material | Die cast aluminium alloy 380 |
| Pressure actuator | Diaphragm nitrile (Buna-N) |
| Height | 5.45 in (138.43 mm) |
| Depth | 2.63 in (66.80 mm) |
| Width | 3.5 in (88.9 mm) |
| Operating position | Any position |
| Materials in contact with fluid | Zinc plated steel Zinc plated steel |
| 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 | 785901852087 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

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|------------------------------|----------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.12 in (13.000 cm) |
| Package 1 Width | 6.50 in (16.500 cm) |
| Package 1 Length | 10.24 in (26.000 cm) |
| Package 1 Weight | 2.765 lb(US) (1.254 kg) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 11.81 in (30 cm) |
| Package 2 Width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |
| Package 2 Weight | 11.867 lb(US) (5.383 kg) |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 32 |
| Package 3 Height | 17.72 in (45.000 cm) |
| Package 3 Width | 31.50 in (80.000 cm) |
| Package 3 Length | 47.24 in (120.000 cm) |
| Package 3 Weight | 121.395 lb(US) (55.064 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 | Not applicable, out of EU RoHS legal scope |

Contractual warranty

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| Warranty | 18 months |
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