



Main

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|-----------------------------------|---|
| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 40 psi (275.79 kPa) |
| Maximum pressure | 100 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Hydraulic oil (-40...121 °C) Non-corrosive liquids Air Non-corrosive gas |
| 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 (6.89...275.79 kPa) |
| Approx adjustable differential at mid range | 0.6...2 psi (4.14...13.79 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 | 6.24 in (158.50 mm) |
| Depth | 2.63 in (66.80 mm) |
| Maximum Width | 3.5 in (88.90 mm) |
| Operating position | Any position |
| Materials in contact with fluid | Zinc plated steel 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) (1.36 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 | CE CSA C22.2 No 14 UL 508 |
| Product certifications | CSA LR25490 class 3211 03 CE UL listed file E12158 CCN NKPZ and CCN NTHT |
| NEMA degree of protection | NEMA 4/4X/13 UL 50 |
| Ambient air temperature for operation | -10...185 °F (-23...85 °C) |

Ordering and shipping details

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|-----------------------|---|
| Category | 21522 - 9012 G INDUSTRIAL PRESSURE SWITCHES |
| Discount Schedule | CP7G |
| GTIN | 00785901000952 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 3 lb(US) (1.36 kg) |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

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|------------------------|----------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 5.00 in (12.7 cm) |
| Package 1 width | 6.50 in (16.51 cm) |
| Package 1 Length | 10.30 in (26.162 cm) |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| 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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