



Main

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|-----------------------------------|---|
| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 1000 psi (6894.76 kPa) |
| Maximum pressure | 1000 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Hydraulic oil -26...121 °C (-15...250 °F)) 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 | With range scale window |

Complementary

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| Range on decreasing pressure | 20...1000 psi (137.90...6894.76 kPa) |
| Approx adjustable differential at mid range | 406.79...1378.95 kPa (59...200 psi) +/- 2.5 % full scale |
| Terminal block type | 4 screw terminals |
| Electrical connection | 1 male connector mini) 5 pins |
| Terminal identifier | (2-4)NC (3)Gnd (1-5)NO |
| Electrical circuit type | Control circuit |
| Local signalling | 1 neon clear) 120 V AC/DC 105...125 V) |
| Line Rated Current | 0.22 A 125 V DC 3 A 120 V AC |
| Setting | Internal |
| Enclosure material | Die cast aluminium alloy 380 |
| Pressure actuator | Piston |
| Maximum Height | 6.37 in (161.80 mm) |
| Maximum Depth | 3.11 in (78.99 mm) |
| Maximum Width | 3.5 in (88.90 mm) |
| Operating position | Any position |
| Materials in contact with fluid | 440 stainless steel 303 stainless steel Viton fluorocarbon Teflon |
| Short-circuit protection | 10 A cartridge overload and short-circuit protection gL |
| Maximum operating rate | 120 cyc/mn |
| Mechanical durability | 3000000 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 | UL 508 CE 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 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 | 00785901721499 |
| Package weight(Lbs) | 3 lb(US) (1.36 kg) |
| Returnability | No |
| Country of origin | MX |

Offer Sustainability

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|---------------------------|--|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

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| Warranty | 18 months |
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