



Main

| | |
|-----------------------------------|---|
| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 250 psi (1723.69 kPa) |
| Maximum pressure | 750 psi |
| Contacts type and composition | 2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts |
| Controlled fluid | Hydraulic oil -40...250 °F (-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

| | |
|---|--|
| Range on decreasing pressure | 5...250 psi (34.47...1723.69 kPa) |
| Approx adjustable differential at mid range | 10...49 psi (68.95...337.84 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) |
| Maximum Width | 3.5 in (88.90 mm) |
| Operating position | Any position |
| Materials in contact with fluid | Nitrile (Buna-N) 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) (1.36 kg) |

Environment

| | |
|---------------------------------------|--|
| 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

| | |
|-----------------------|---|
| Category | 21522 - 9012 G INDUSTRIAL PRESSURE SWITCHES |
| Discount Schedule | CP7G |
| GTIN | 00785901192435 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 3 lb(US) (1.36 kg) |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

| | |
|------------------------|----------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 5.40 in (13.716 cm) |
| Package 1 width | 6.50 in (16.51 cm) |
| Package 1 Length | 10.20 in (25.908 cm) |

Offer Sustainability

| | |
|----------------------------|---|
| 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

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|