



### Main

|                                   |  |
|-----------------------------------|--|
| Range of Product                  | 9012G  |
| Pressure sensor type              | Electromechanical pressure switch  |
| Pressure sensor name              | 9012G  |
| Pressure Rating                   | 675 psi (4653.96 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...250 °F (-40...121 °C)<br>Non-corrosive liquids -40...250 °F (-40...121 °C)<br>Air -40...250 °F (-40...121 °C)<br>Non-corrosive gas -40...250 °F (-40...121 °C) |
| 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                | 20...675 psi (137.90...4653.96 kPa)  |
| Approx adjustable differential at mid range | 27...130 psi (186.16...896.32 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<br>6 A 120 V AC A600 NEMA rating designation<br>0.27 A 250 V DC R300 NEMA rating designation<br>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 (88.90 mm)  |
| Operating position                          | Any position   |
| Materials in contact with fluid             | Zinc plated steel<br>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<br>CSA C22.2 No 14<br>CE                            |
| Product Certifications                | UL Listed<br>UL listed Marine<br>CSA LR25490 class 3211 03 |
| 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              | 785901024828                              |
| Returnability     | No  |
| Country of origin | MX  |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| 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             | 2.82 lb(US) (1.279 kg) |

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |

## Contractual warranty

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