



## Main

|                                   |   |
|-----------------------------------|---|
| Range of product                  | 9012G   |
| Pressure sensor type              | Electromechanical pressure switch   |
| Pressure sensor name              | 9012G   |
| Pressure sensor size              | 5600 psi (38610.64 kPa)   |
| Maximum pressure                  | 20000 psi   |
| Contacts type and composition     | 2(NC-NO), 2 SPDT-DB, Form Z, snap action, silver nickel contacts                                |
| Controlled fluid                  | Hydraulic oil -15...250 °F (-26...121 °C))<br>Non-corrosive liquids<br>Air<br>Non-corrosive gas |
| Fluid connection type             | 0.25 inch 18 NPTF UL 508  |
| Pressure switch type of operation | Regulates two separate pressure thresholds  |
| Scale type                        | Fixed   |
| Local display                     | Without   |

## Complementary

|                                      |  |
|--------------------------------------|--|
| Range on decreasing pressure         | 170...5600 psi (1172.11...38610.64 kPa)  |
| Approx fix differential at mid range | 275 Psi (1896.06 kPa) stage 1 +/- 60 psig +/- 2.5 % full scale<br>400 psi (2757.90 kPa) stage 2 +/- 100 psig   |
| 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<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                    | Piston   |
| Height                               | 6.37 in (161.80 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      | Teflon<br>303 stainless steel<br>Viton fluorocarbon<br>440 stainless steel   |
| 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                           | 2.5 lb(US) (1.13 kg)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Vibration resistance                  | 2 gn 40...150 Hz)IEC 68-2-6  |
| Shock resistance                      | 50 gn IEC 58-2-27  |
| Standards                             | CE<br>UL 508<br>CSA C22.2 No 14  |
| Product certifications                | CSA LR25490 class 3211 03<br>UL listed file E12158 CCN NKPZ and CCN NTHT<br>CE |
| 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                  | 00785901048855                              |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 2.5 lb(US) (1.13 kg)                        |
| Returnability         | No  |
| Country of origin     | MX  |

## Packing Units

|                  |                       |
|------------------|-----------------------|
| Package 1 Height | 24.13 in (61.290 cm)  |
| Package 1 width  | 9.50 in (24.130 cm)   |
| Package 1 Length | 61.29 in (155.677 cm) |

## Offer Sustainability

|                           |   |
|---------------------------|---|
| 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         | Not applicable, out of EU RoHS legal scope  |
| Environmental Disclosure  | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile       | <a href="#">End Of Life Information</a>   |

## Contractual warranty

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