

# 9012GHW1

9012G, pressure switch 9012 g, adjustable scale, 2 thresholds, 0 to 500 PSIG



## Main

|                                   |   |
|-----------------------------------|---|
| Range of Product                  | 9012G   |
| Pressure sensor type              | Electromechanical pressure switch   |
| Pressure sensor name              | 9012G   |
| Pressure Rating                   | 500 psi (3447.38 kPa)   |
| Maximum pressure                  | 850 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<br>Air<br>Non-corrosive gas |
| Fluid connection type             | 0.25 inch 18 NPTF UL 508  |
| Pressure switch type of operation | Monitors the difference between 2 thresholds  |
| Scale type                        | Adjustable differential   |
| Local display                     | Without   |

## Complementary

|   |  |
|---|--|
| Range on decreasing pressure                | 0...500 psi (0.00...3447.38 kPa)   |
| Approx adjustable differential at mid range | 22...90 Psi (151.68...620.53 kPa) increasing<br>3...175 psi (20.68...1206.58 kPa) decreasing +/- 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                                      | 6.76 in (171.70 mm)  |
| Depth                                       | 2.63 in (66.80 mm)   |
| Width                                       | 3.5 in (88.90 mm)  |
| Operating position                          | Any position   |
| Materials in contact with fluid             | Nitrile (Buna-N)<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                                  | 2.5 lb(US) (1.13 kg)   |

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## 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                | UL listed file E12158 CCN NKPZ and CCN NTHT<br>CSA LR25490 class 3211 03<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                  | 785901048701                                |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 2.50 lb(US) (1.134 kg)                      |
| Returnability         | No  |
| Country of origin     | MX  |

## Packing Units

|                        |                       |
|------------------------|-----------------------|
| Unit Type of Package 1 | PCE                   |
| Package 1 Height       | 24.13 in (61.29 cm)   |
| Package 1 width        | 9.50 in (24.13 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 |
|----------|-----------|