# Product data sheet

Specifications



Discontinued

## pressure switch 9012G - fixed scale - 1 threshold - 13 to 425 psig

9012GEW21G18Z18

Discontinued on: 02 December 2020

End-of-service on: 31 December 2020

**Product availability : Non-Stock - Not normally stocked in distribution facility**

## Price* : 534.00 USD

### Main

| | |
|---|---|
| **Range of product** | 9012G |
| **Pressure sensor type** | Electromechanical pressure switch |
| **Pressure sensor name** | 9012G |
| **Pressure Rating** | 425 psi (2930.27 kPa) |
| **Maximum pressure** | 2000 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))<br>Non-corrosive liquids<br>Air<br>Non-corrosive gas |
| **Fluid connection type** | 0.44 inch 20 UNF-2B UL 508 |
| **Pressure switch type of operation** | Detection of 1 single threshold |
| **Scale type** | Fixed |
| **Local display** | Without |

### Complementary

| | |
|---|---|
| **Range on decreasing pressure** | 13…425 psi (89.63…2930.27 kPa) |
| **Approx fix differential at mid range** | 27 psi (186.16 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** | 1 neon red) 120 V AC/DC 105...125 V) |
| **Line Rated Current** | 6 A 120 V AC<br>0.22 A 125 V DC |
| **Setting** | Internal |
| **Enclosure Material** | Die cast aluminium alloy 380 |
| **Pressure actuator** | Diaphragm nitrile (Buna-N) |

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Height** | 5.45 in (138.43 mm) |
| **Depth** | 3.11 in (78.99 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** | 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** | 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** | 00785901275343 |
| **Nbr. of units in pkg.** | 1 |
| **Package weight(Lbs)** | 3 lb(US) (1.36 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

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|---|---|
| **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** | 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 |

### Recommended replacement(s)

9012GEW21G18Z18 is replaced by the following product range:



**Pressure Switches - Square D™ NEMA,**

A comprehensive range of Pressure switches, Vacuum switches and Float switches, compliant with US and international standards

Products: 903