

# 9012GEW1K

9012G, pressure switch 9012 g, fixed scale, 1 threshold, 13 to 425 PSIG



## Main

|                                   |                                                                                                 |
|-----------------------------------|-------------------------------------------------------------------------------------------------|
| Range of Product                  | 9012G                                                                                           |
| Pressure sensor type              | Electromechanical pressure switch                                                               |
| Pressure sensor name              | 9012G                                                                                           |
| Pressure sensor size              | 425 psi (2930.27 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 | Detection of 1 single threshold                                                                 |
| Scale type                        | Fixed                                                                                           |
| Local display                     | With range scale window                                                                         |

## Complementary

|                                      |                                                                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range on decreasing pressure         | 13...425 psi (89.63...2930.27 kPa)                                                                                                                                                     |
| Control type                         | With adjustment knob                                                                                                                                                                   |
| Approx fix differential at mid range | 16 psi (110.32 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                              | External                                                                                                                                                                               |
| Enclosure Material                   | Die cast aluminium alloy 380                                                                                                                                                           |
| Pressure actuator                    | Diaphragm nitrile (Buna-N)                                                                                                                                                             |
| Height                               | 6.5 in (165.10 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                           | 3 lb(US) (1.36 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                             | UL 508<br>CE<br>CSA C22.2 No 14                                                |
| Product certifications                | UL listed file E12158 CCN NKPZ and CCN NTHT<br>CE<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                  | 785901127956                              |
| Nbr. of units in pkg. | 1                                         |
| Package weight(Lbs)   | 3.00 lb(US) (1.361 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 |
|----------|-----------|