



## Main

|                                   |                                                                                                 |
|-----------------------------------|-------------------------------------------------------------------------------------------------|
| Range of product                  | 9012G                                                                                           |
| Pressure sensor type              | Electromechanical pressure switch                                                               |
| Pressure sensor name              | 9012G                                                                                           |
| Pressure sensor size              | 75 psi (517.11 kPa)                                                                             |
| Maximum pressure                  | 240 psi                                                                                         |
| Contacts type and composition     | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts                                     |
| Controlled fluid                  | Hydraulic oil -40...121 °C (-40...250 °F))<br>Non-corrosive liquids<br>Air<br>Non-corrosive gas |
| Fluid connection type             | 0.5 inch 14 NPT-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                | 1.5...75 psi (10.34...517.11 kPa)                                                                                                                                                      |
| Approx adjustable differential at mid range | 24.13...103.42 kPa (3.5...15 psi) +/- 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 Q600 NEMA rating designation<br>0.22 A 125 V DC Q600 NEMA rating designation |
| Setting                                     | Internal                                                                                                                                                                               |
| Enclosure material                          | Die cast aluminium alloy 380                                                                                                                                                           |
| Pressure actuator                           | Diaphragm nitrile (Buna-N)                                                                                                                                                             |
| Maximum Height                              | 5.55 in (140.97 mm)                                                                                                                                                                    |
| Maximum Depth                               | 2.63 in (66.80 mm)                                                                                                                                                                     |
| Maximum Width                               | 3.5 in (88.90 mm)                                                                                                                                                                      |
| Operating position                          | Any position                                                                                                                                                                           |
| Materials in contact with fluid             | Zinc plated steel<br>Nitrile (Buna-N)                                                                                                                                                  |
| 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>CE<br>CSA C22.2 No 14                                                |
| Product certifications                | CE<br>UL listed file E12158 CCN NKPZ and CCN NTHT<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                | 00785901560883                              |
| Package weight(Lbs) | 3 lb(US) (1.36 kg)                          |
| Returnability       | No                                          |
| Country of origin   | MX                                          |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and 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 |
|----------|-----------|