



## Main

|                                   |                                                                                                              |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Range of Product                  | 9012G                                                                                                        |
| Pressure sensor type              | Electromechanical pressure switch                                                                            |
| Pressure sensor name              | 9012G                                                                                                        |
| Pressure Rating                   | 5600 psi (38610.6 kPa)                                                                                       |
| Maximum pressure                  | 20000 psi                                                                                                    |
| Contacts type and composition     | NC-NO, SPDT, Form C, snap action, silver nickel contacts                                                     |
| Controlled fluid                  | Selected corrosive liquids -26...121 °C (-15...250 °F))<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 | Regulation between 2 thresholds                                                                              |
| Scale type                        | Adjustable differential                                                                                      |
| Local display                     | Without                                                                                                      |

## Complementary

|                                             |                                                                                                                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range on decreasing pressure                | 170...5600 psi (1172.1...38610.6 kPa)                                                                                                                                                     |
| Approx adjustable differential at mid range | 200...950 psi (1379.0...6550.02 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>0.22 A 125 V DC 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                          | Thermoplastic                                                                                                                                                                             |
| Pressure actuator                           | Piston                                                                                                                                                                                    |
| Height                                      | 7.77 in (197.36 mm)                                                                                                                                                                       |
| Depth                                       | 2.75 in (69.85 mm)                                                                                                                                                                        |
| Width                                       | 2.21 in (56.13 mm)                                                                                                                                                                        |
| Operating position                          | Any position                                                                                                                                                                              |
| Materials in contact with fluid             | Viton fluorocarbon<br>Zinc plated 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 lb(US) (0.9 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[RETURN]CE[RETURN]UL listed file E12158 CCN NKPZ and CCN NTHT |
| NEMA degree of protection             | NEMA 1 UL 50                                                                           |
| Ambient Air Temperature for Operation | -23...85 °C (-10...185 °F)                                                             |

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1CP7G21522 |
| Discount Schedule | CP7G         |
| GTIN              | 785901048923 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 8.89 in (22.581 cm)   |
| Package 1 Width              | 3.50 in (8.89 cm)     |
| Package 1 Length             | 22.58 in (57.355 cm)  |
| Package 1 Weight             | 31.999 oz (907.185 g) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                             |
| 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> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                                                                                                        |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                               |
| RoHS exemption information |  Yes                                                                                                                                                                                                                                                                                           |

## Contractual warranty

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