

## Main

|                                   |                                                                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product                  | 9012G                                                                                                                                                                                     |
| Pressure sensor type              | Electromechanical pressure switch                                                                                                                                                         |
| Pressure sensor name              | 9012G                                                                                                                                                                                     |
| Pressure Rating                   | 1000 psi (6894.8 kPa)                                                                                                                                                                     |
| Maximum pressure                  | 10000 psi                                                                                                                                                                                 |
| Contacts type and composition     | NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts                                                                                                                             |
| Controlled fluid                  | Hydraulic oil -26...121 °C (-15...250 °F))<br>Selected corrosive gases -26...121 °C (-15...250 °F))<br>Air -26...121 °C (-15...250 °F))<br>Non-corrosive gas -26...121 °C (-15...250 °F)) |
| 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                     | Without                                                                                                                                                                                   |

## Complementary

|                                      |                                                                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range on decreasing pressure         | 20...1000 psi (137.9...6894.8 kPa)                                                                                                                                                     |
| Approx fix differential at mid range | 59 psi (406.8 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                              | Internal                                                                                                                                                                               |
| Enclosure Material                   | Die cast aluminium alloy 380                                                                                                                                                           |
| Pressure actuator                    | Piston                                                                                                                                                                                 |
| Height                               | 6.24 in (158.50 mm)                                                                                                                                                                    |
| Depth                                | 4.56 in (115.82 mm)                                                                                                                                                                    |
| Width                                | 5.05 in (128.27 mm)                                                                                                                                                                    |
| Operating position                   | Any position                                                                                                                                                                           |
| Materials in contact with fluid      | 440 stainless steel<br>Viton fluorocarbon                                                                                                                                              |
| 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                           | 3 lb(US) (1.4 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                | UL Listed[RETURN]UL listed Marine[RETURN]CSA LR25490 class 3211 03 |
| NEMA degree of protection             | NEMA 4/4X/13 UL 50                                                 |
| Ambient Air Temperature for Operation | -23...85 °C (-10...185 °F)                                         |

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1CP7G21522 |
| Discount Schedule | CP7G         |
| GTIN              | 785901024934 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| 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)    |
| Package 1 Weight             | 3.0005 lb(US) (1.361 kg) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCIP Number               | 33f731fb-5afc-49b9-916e-17c199ce70c0                                                                                                                                                                                                                                                                                                                                              |
| 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         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                                                                                                        |

## Contractual warranty

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