# 9012GAWM5H3

Pressure switch 9012G, adjustable scale, 2 thresholds, 3.0 to 150 PSIG



### Main

| Range of product                  | 9012G   |
|-----------------------------------|---|
| Pressure sensor type              | Electromechanical pressure switch   |
| Pressure sensor name              | 9012G   |
| Pressure rating                   | 1034.2 kPa  |
| Maximum pressure                  | 475 psi   |
| Contacts type and composition     | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts   |
| Controlled fluid                  | Hydraulic oil (-40121 °C) Non-corrosive liquids (-40121 °C) Air (-40121 °C) Non-corrosive gas (-40121 °C) |
| Fluid connection type             | 0.25 inch BS2779 parallel pipe thread conforming to UL 508  |
| Pressure switch type of operation | Regulation between 2 thresholds   |
| Scale type                        | Adjustable differential   |
| Local display                     | Without   |

### Complementary

| Complementary                               |   |  |
|---|---|--|
| Range on decreasing pressure                | 20.71034.2 kPa  |  |
| Approx adjustable differential at mid range | 41.37206.84 kPa +/- 2.5 % full scale                          |  |
| Cable entry                                 | 20 mm BS4568 conduit entrance                                 |  |
| Terminal block type                         | 4 screw terminals   |  |
| Electrical connection                       | Screw-clamp terminals, AWG 22AWG 12                           |  |
| Terminal identifier                         | (2-4)NC<br>(1-5)NO  |  |
| Electrical circuit type                     | Control circuit   |  |
| Local signalling                            | Without:  |  |
| [In] rated current                          | 1.1 A 125 V DC<br>3 A 120 V AC                                |  |
| Setting                                     | Internal  |  |
| Enclosure material                          | Die cast aluminium alloy 380                                  |  |
| Pressure actuator                           | Diaphragm nitrile (Buna-N)                                    |  |
| Height                                      | 140.97 mm   |  |
| Depth                                       | 66.80 mm  |  |
| Width                                       | 88.9 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, type gL |  |
| Maximum operating rate                      | 120 cyc/mn  |  |
| Mechanical durability                       | 5000000 cycles  |  |
| Repeat accuracy                             | 4 %   |  |
| Net weight                                  | 1.4 kg  |  |
|   |   |  |

## Environment

| Vibration resistance                  | 2 gn (f= 40150 Hz) conforming to IEC 68-2-6                        |
|---------------------------------------|--|
| Shock resistance                      | 50 gn conforming to 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 conforming to UL 50                                   |
| Ambient air temperature for operation | -10185 °F  |

## Packing Units

| PCE        |
|------------|
| 1          |
| 61.29 cm   |
| 24.13 cm   |
| 155.677 cm |
| 1.361 kg   |
|            |

## 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 www.P65Warnings.ca.gov |
|--|---|
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com  |

### Contractual warranty

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