



### Main

|                                   |   |
|-----------------------------------|---|
| Range of product                  | 9012G   |
| Pressure sensor type              | Electromechanical pressure switch   |
| Pressure sensor name              | 9012G   |
| Pressure sensor size              | 75 psi  |
| Maximum pressure                  | 240 psi   |
| Contacts type and composition     | 2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts                   |
| Controlled fluid                  | Air<br>Hydraulic oil (-40...250 °F)<br>Non-corrosive liquids<br>Non-corrosive gas |
| Fluid connection type             | 0.5 inch 14 NPT-0.25 inch 18 NPTF conforming to 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   |
| Approx adjustable differential at mid range | 3.5...15 psi +/- 2.5 % full scale  |
| Cable entry                                 | 0.5 inch NPT conduit entrance  |
| Terminal block type                         | 8 screw terminals  |
| Electrical connection                       | Screw-clamp terminals, AWG 22...AWG 12   |
| Electrical circuit type                     | Control circuit  |
| Local signalling                            | Without  |
| [In] rated current                          | 3 A (Ue = 240 V AC) contact code: A600 conforming to NEMA rating designation<br>6 A (Ue = 120 V AC) contact code: A600 conforming to NEMA rating designation<br>0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation<br>0.11 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation |
| Setting                                     | Internal   |
| Enclosure material                          | Die cast aluminium alloy 380   |
| Pressure actuator                           | Diaphragm (nitrile (Buna-N))   |
| Height                                      | 5.55 in  |
| Depth                                       | 2.63 in  |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                 |  |
|---------------------------------|--|
| Width                           | 3.5 in   |
| Operating position              | Any position   |
| Materials in contact with fluid | Zinc plated steel<br>Nitrile (Buna-N)                        |
| Short-circuit protection        | 10 A by gL (cartridge) overload and short-circuit protection |
| Operating rate                  | <= 120 cyc/mn  |
| Mechanical durability           | 5000000 cycles   |
| Repeat accuracy                 | 4 %  |
| Product weight                  | 3 lb(US)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Vibration resistance                  | 2 gn conforming to IEC 68-2-6 (f = 40...150 Hz)                                |
| Shock resistance                      | 50 gn conforming to IEC 58-2-27  |
| Standards                             | CE<br>UL 508<br>CSA C22.2 No 14  |
| Product certifications                | CE<br>CSA LR25490 class 3211 03<br>UL listed file E12158 CCN NKPZ and CCN NTHT |
| NEMA degree of protection             | NEMA 4/4X/13 conforming to UL 50   |
| Ambient air temperature for operation | -10...185 °F   |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| RoHS (date code: YYWW)           | Will not be compliant<br><a href="#">Will not be compliant</a>   |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a> |
| Product environmental profile    | Available<br><a href="#">Product Environmental Profile</a>   |
| Product end of life instructions | Available<br><a href="#">End of Life Information</a>   |

## Contractual warranty

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