



### Main

|                                   |   |
|-----------------------------------|---|
| Range of product                  | 9012G   |
| Pressure sensor type              | Electromechanical pressure switch   |
| Pressure sensor name              | 9012G   |
| Pressure sensor size              | 9000 psi  |
| Maximum pressure                  | 25000 psi   |
| Contacts type and composition     | NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts                     |
| Controlled fluid                  | Air<br>Non-corrosive liquids<br>Non-corrosive gas<br>Hydraulic oil (-15...250 °F) |
| Fluid connection type             | 0.25 inch 18 NPTF conforming to UL 508  |
| Pressure switch type of operation | Detection of 1 single threshold   |
| Scale type                        | Fixed   |
| Local display                     | Without   |

### Complementary

|                                      |  |
|--------------------------------------|--|
| Range on decreasing pressure         | 270...9000 psi   |
| Approx fix differential at mid range | 495 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                     | 1 neon (clear) AC/DC at 120 V (voltage limits:105...125 V) |
| [In] rated current                   | 6 A (Ue = 120 V AC)<br>0.22 A (Ue = 125 V DC)              |
| Setting                              | Internal   |
| Enclosure material                   | Die cast aluminium alloy 380                               |
| Pressure actuator                    | Piston   |
| Height                               | 6.24 in  |
| Depth                                | 2.63 in  |
| Width                                | 3.5 in   |
| Operating position                   | Any position   |

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

|                                 |  |
|---------------------------------|--|
| Materials in contact with fluid | Teflon<br>Viton fluorocarbon<br>440 stainless steel<br>303 stainless steel |
| Short-circuit protection        | 10 A by gL (cartridge) overload and short-circuit protection               |
| Operating rate                  | <= 120 cyc/mn  |
| Mechanical durability           | 3000000 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 |
| 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  |

## Contractual warranty

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