



## 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     | NC-NO, SPDT-DB, Form Z, 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             | 0.25 inch 18 NPTF conforming to UL 508  |
| Pressure switch type of operation | Regulation between 2 thresholds   |
| Scale type                        | Adjustable differential   |
| Local display                     | With range scale window   |

## Complementary

|   |  |
|---|--|
| Range on decreasing pressure                | 1.5...75 psi   |
| Approx adjustable differential at mid range | 3.5...15 psi +/- 2.5 % full scale                            |
| Terminal block type                         | 4 screw terminals  |
| Electrical connection                       | 1 male connector (mini) 5 pins                               |
| Terminal identifier                         | (3)gnd<br>(2-4)NC<br>(1-5)NO                                 |
| Electrical circuit type                     | Control circuit  |
| Local signalling                            | 1 neon (clear) AC/DC at 120 V (voltage limits:105...125 V    |
| [In] rated current                          | 0.22 A (Ue = 125 V DC)<br>3 A (Ue = 120 V AC)                |
| Setting                                     | Internal   |
| Enclosure material                          | Die cast aluminium alloy 380                                 |
| Pressure actuator                           | Diaphragm (nitrile (Buna-N))                                 |
| Height                                      | 5.55 in  |
| Depth                                       | 3.11 in  |
| 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                 |

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|                                       |                                  |
|---------------------------------------|----------------------------------|
| NEMA degree of protection             | NEMA 4/4X/13 conforming to UL 50 |
| ambient air temperature for operation | -10...185 °F                     |

### Offer Sustainability

|  |  |
|--|--|
| Not Green Premium product  | Not Green Premium product  |
| Will not be Compliant  | Will not be Compliant  |
| Reference not containing SVHC above the threshold  | Reference not containing SVHC above the threshold  |
| Available  | Available  |
| Available  | Available  |
| WARNING: This product can expose you to chemicals including:   | WARNING: This product can expose you to chemicals including:   |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                | 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. | 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>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

### Contractual warranty

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