

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

|                                   |   |
|-----------------------------------|---|
| Range of product                  | 9012G   |
| Pressure sensor type              | Electromechanical pressure switch   |
| Pressure sensor name              | 9012G   |
| Pressure sensor size              | 425 psi   |
| Maximum pressure                  | 850 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             | 0.25 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                | 13...425 psi   |
| Approx adjustable differential at mid range | 16...90 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                                      | 5.45 in  |
| Depth                                       | 2.63 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)   |

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## 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   |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 21522 - 9012 G INDUSTRIAL PRESSURE SWITCHES |
| Discount Schedule     | CP7G  |
| GTIN                  | 00785901024842                              |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 3   |
| Returnability         | N   |
| Country of origin     | MX  |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| RoHS (date code: YYWW)           | Will not be compliant  |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product environmental profile    | Available  |
| Product end of life instructions | Available  |
| California proposition 65        | WARNING: This product can expose you to chemicals including:   |
| ----- Substance 1                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                |
| ----- Substance 2                | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information           | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

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

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