

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 | 5600 psi |
| Maximum pressure | 20000 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Air Non-corrosive liquids Non-corrosive gas Hydraulic oil (-15...250 °F) |
| Fluid connection type | 0.44 inch 20 UNF-2B 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 | 170...5600 psi |
| Approx adjustable differential at mid range | 289...1260 psi +/- 2.5 % full scale |
| Terminal block type | 4 screw terminals |
| Electrical connection | 1 male connector (mini) 5 pins |
| Terminal identifier | (3)Gnd (2-4)NC (1-5)NO |
| Electrical circuit type | Control circuit |
| Local signalling | Without |
| [In] rated current | 6 A (Ue = 120 V AC) 0.22 A (Ue = 125 V DC) 3 A (Ue = 240 V AC) 0.27 A (Ue = 240 V DC) |
| Setting | Internal |
| Enclosure material | Die cast aluminium alloy 380 |
| Pressure actuator | Piston |
| Height | 6.37 in |
| Depth | 2.63 in |
| Width | 3.5 in |
| Operating position | Any position |
| Materials in contact with fluid | Teflon Viton fluorocarbon 440 stainless steel 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) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 UL 508 CSA C22.2 No 14 |
| Product certifications | CE CSA LR25490 class 3211 03 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 | 00785901427025 |
| 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 www.p65warnings.ca.gov |

Contractual warranty

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

Mouser Electronics

Authorized Distributor

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[9012GCW3H11Z18](#)