

9012GFR2

pressure switch 9012G - fixed scale - 1
threshold - 90 to 2900 PSIG psig

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 | 2900 psi |
| Maximum pressure | 15000 psi |
| Contacts type and composition | NC-NO, 2 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 | 0.25 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 | 90...2900 psi |
| Approx fix differential at mid range | 255 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 | Without |
| [In] rated current | 3 A (Ue = 240 V AC) contact code: A600 conforming to NEMA rating designation 6 A (Ue = 120 V AC) contact code: A600 conforming to NEMA rating designation 0.27 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation 0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation |
| Setting | Internal |
| Enclosure material | Cast aluminium |
| Pressure actuator | Piston |
| Height | 7.8 in |
| Depth | 5.34 in |
| Width | 7.13 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 | 18.5 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 UL 508 CSA C22.2 No 14 |
| Product certifications | CE UL listed file E12443 CCN NOWT CSA LR26817 class 3218 02 |
| NEMA degree of protection | NEMA 7/9 conforming to UL 698 |
| Ambient air temperature for operation | -10...185 °F |

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 21522 - 9012 G INDUSTRIAL PRESSURE SWITCHES |
| Discount Schedule | CP7G |
| GTIN | 00785901459521 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 18.5 |
| 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 |
|-----------------|-----------|

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