

9012GHW1G18

pressure switch 9012G - adjustable scale - 2 thresholds - 0 to 500 psig



Price* : 802.00 USD



9012GHW1G18 has not been replaced. Please contact your customer care center for more information.

⚠ Discontinued

Main

| | |
|-----------------------------------|---|
| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 500 psi |
| Maximum pressure | 850 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Air Hydraulic oil (-40...250 °F) Non-corrosive liquids Non-corrosive gas |
| Fluid connection type | 0.25 inch 18 NPTF conforming to UL 508 |
| Pressure switch type of operation | Monitors the difference between 2 thresholds |
| Scale type | Adjustable differential |
| Local display | Without |

Complementary

| | |
|---|---|
| Range on decreasing pressure | 0...500 psi |
| Approx adjustable differential at mid range | 22...90 psi increasing 3...175 psi decreasing +/- 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 (red) AC/DC at 120 V (voltage limits:105...125 V) |
| [In] rated current | 6 A (Ue = 120 V AC) 0.22 A (Ue = 125 V DC) |
| Setting | Internal |
| Enclosure material | Die cast aluminium alloy 380 |

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

| | |
|---------------------------------|--|
| Pressure actuator | Diaphragm (nitrile (Buna-N)) |
| Height | 6.76 in |
| Depth | 2.63 in |
| Width | 3.5 in |
| Operating position | Any position |
| Materials in contact with fluid | Zinc plated steel 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 | 2.5 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 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 | 00785901296850 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.5 |
| Returnability | N |
| Country of origin | MX |

Offer Sustainability

| | |
|----------------------------------|--|
| RoHS (date code: YYWW) | Will not be compliant Will not be compliant |
| REACH | Reference not containing SVHC above the threshold 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 |
|-----------------|-----------|