

9012GCW2

Pressure switch 9012G, adjustable scale, 2 thresholds, 90 to 2900 PSIG

Main

| | |
|-----------------------------------|--|
| Range of Product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure Rating | 2900 psi (19994.8 kPa) |
| Maximum pressure | 15000 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Hydraulic oil -26.1...121.1 °C (-15...250 °F)) Non-corrosive liquids -26.1...121.1 °C (-15...250 °F)) Air -26.1...121.1 °C (-15...250 °F)) Non-corrosive gas -26.1...121.1 °C (-15...250 °F)) |
| Fluid connection type | 0.25 inch 18 NPTF UL 508 |
| Pressure switch type of operation | Regulation between 2 thresholds |
| Scale type | Adjustable differential |
| Local display | Without |

Complementary

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|---|--|
| Range on decreasing pressure | 90...2900 psi (620.5...19994.8 kPa) |
| Approx adjustable differential at mid range | 170...560 psi (1172.1...3861.06 kPa) +/- 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 |
| Terminal identifier | (3)Gnd (1-5)NC |
| Electrical circuit type | Control circuit |
| Local signalling | Without |
| Line Rated Current | 3 A 240 V AC A600 NEMA rating designation 0.22 A 125 V DC A600 NEMA rating designation 3 A 240 V AC R300 NEMA rating designation 0.27 A 240 V DC R300 NEMA rating designation |
| Setting | Internal |
| Enclosure Material | Die cast aluminium alloy 380 |
| Pressure actuator | Piston |
| Height | 6.37 in (161.80 mm) |
| Depth | 2.63 in (66.80 mm) |
| Width | 3.5 in (88.9 mm) |
| Operating position | Any position |
| Materials in contact with fluid | Viton fluorocarbon Nitrile (Buna-N) |
| Short-circuit protection | 10 A cartridge overload and short-circuit protection gL |
| Maximum operating rate | 120 cyc/mn |
| Mechanical durability | 3000000 cycles |
| Repeat accuracy | 4 % |
| Net Weight | 3 lb(US) (1.4 kg) |

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Environment

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|---------------------------------------|--|
| Vibration resistance | 2 gn 40...150 Hz)IEC 68-2-6 |
| Shock resistance | 50 gn IEC 58-2-27 |
| Standards | UL 508 CSA C22.2 No 14 CE |
| Product Certifications | UL Listed[RETURN]UL listed Marine[RETURN]CSA LR25490 class 3211 03 |
| NEMA degree of protection | NEMA 4/4X/13 UL 50 |
| Ambient Air Temperature for Operation | -23.3...85.0 °C (-10...185 °F) |

Ordering and shipping details

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|-------------------|--------------|
| Category | US1CP7G21522 |
| Discount Schedule | CP7G |
| GTIN | 785901024873 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

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|------------------------------|----------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.0000000000 in (12.7 cm) |
| Package 1 Width | 6.700 in (17.018 cm) |
| Package 1 Length | 10.0000000000 in (25.4 cm) |
| Package 1 Weight | 3.0005 lb(US) (1.361 kg) |

Offer Sustainability

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|--|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: 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. For more information go to www.P65Warnings.ca.gov |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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