

9012GDWM4Y1

Pressure switch 9012G, fixed scale, 1 threshold, 1.5 to 75 PSIG



Main

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|-----------------------------------|---|
| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure rating | 517.1 kPa |
| Maximum pressure | 240 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Hydraulic oil (-40...121 °C) Selected corrosive gases (-40...121 °C) Air (-40...121 °C) Non-corrosive gas (-40...121 °C) |
| Fluid connection type | 0.25 inch BS2779 parallel pipe thread conforming to UL 508 |
| Pressure switch type of operation | Detection of 1 single threshold |
| Scale type | Fixed |
| Local display | Without |

Complementary

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| Range on decreasing pressure | 10.34...517.11 kPa |
| Approx fix differential at mid range | 20.68 kPa +/- 2.5 % full scale |
| Cable entry | 20 mm BS4568 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 240 V AC A600 conforming to NEMA rating designation 6 A 120 V AC A600 conforming to NEMA rating designation 0.11 A 250 V DC R300 conforming to NEMA rating designation 0.22 A 125 V DC R300 conforming to NEMA rating designation |
| Setting | Internal |
| Variant particularity | Specify factory setting |
| Enclosure material | Die cast aluminium alloy 380 |
| Pressure actuator | Diaphragm nitrile (Buna-N) |
| Height | 140.97 mm |
| Depth | 66.80 mm |
| Width | 88.9 mm |
| Operating position | Any position |
| Materials in contact with fluid | Zinc plated steel Viton fluorocarbon |
| Short-circuit protection | 10 A cartridge overload and short-circuit protection, type gL |
| Maximum operating rate | 120 cyc/mn |
| Mechanical durability | 5000000 cycles |
| Repeat accuracy | 4 % |
| Net weight | 1.4 kg |

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Environment

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|---------------------------------------|--|
| Vibration resistance | 2 gn (f= 40...150 Hz) conforming to IEC 68-2-6 |
| Shock resistance | 50 gn conforming to 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 conforming to UL 50 |
| Ambient air temperature for operation | -10...185 °F |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 24.13 cm |
| Package 1 Width | 15.875 cm |
| Package 1 Length | 12.065 cm |
| Package 1 Weight | 1.361 kg |

Offer Sustainability

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| 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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