

Product data sheet

Specifications



Square D Pumptrol, pump or compressor switch 9013GS, adjustable diff., 30 50 PSI

9013GSG2J21

Main

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|------------------------------|---|
| Range of product | Square D Pumptrol |
| Pressure sensor name | 9013GS |
| Pressure sensor size | 551.58 kPa (34.47...413.69 kPa) |
| Value of setting | 30...50 psi |
| Electrical circuit type | Power circuit |
| Product specific application | Control electrically driven water pumps and air compressors |
| Quantity per set | 1 |
| Type of packing | Individual |

Complementary

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|-------------------------------------|---|
| Pressure sensor type | Electromechanical pressure switch |
| Controlled fluid | Air (-30...125 °C) Fresh water (-30...125 °C) |
| Adjustable range on rising pressure | 137.90...551.58 kPa |
| Approximate adjustable differential | 103.42...206.84 kPa |
| Destruction pressure | 2068.43 kPa |
| Pressure actuator | Diaphragm |
| Pressure switch type of operation | Regulation between 2 thresholds |
| Scale type | Adjustable differential |
| Setting | Internal |
| Local display | Without |
| Contacts type and composition | 2 NC, snap action, DPST-DB, Form YY |
| Cable entry number | 3 knock-outs for 1/2" conduit conforming to UL 508 |
| Electrical connection | Screw-clamp terminals, clamping capacity: 10 AWG Screw-clamp terminals, clamping capacity: 5.261 mm ² |
| Fluid connection type | 0.25 inch NPSF internal conforming to UL 508 |
| Short-circuit protection | 20 A cartridge fuse, type gG |
| Materials in contact with fluid | Zinc plated steel or equivalent flange Nitrile (Buna-N) or equivalent rubber diaphragm |

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|--------------------------------------|---|
| Material | Polypropylene: cover Noryl thermoplastic resin or equivalent: cover |
| Operating position | Any position |
| Motor power kW | 1.5 kW (2 hp) at 115 V AC, 1 phase 2.2 kW (3 hp) at 115 V AC, 3 phases 2.2 kW (3 hp) at 230 V AC, 1 phase 0.75 kW (1 hp) at 115 V DC 0.75 kW (1 hp) at 230 V DC 3.75 kW (5 hp) at 230 V AC, 3 phases 3.7 kW (5 hp) at 460 V AC, 1 phase 3.7 kW (5 hp) at 460 V AC, 3 phases 3.7 kW (5 hp) at 575 V AC, 1 phase 3.7 kW (5 hp) at 575 V AC, 3 phases |
| Electrical durability | 100000 cycles, operating rate <10 cyc/mn |
| Mechanical durability | 300000 cycles |
| Terminal block type | 4 terminals |
| Maximum operating rate | 10 cyc/mn |
| [Ui] rated insulation voltage | 575 V conforming to UL 508 |
| Net weight | 1.02 kg |
| Repeat accuracy | +/- 3 % |
| Terminals description ISO n°1 | L1-T1 L2-T2 |
| Width | 87.38 mm |
| Height | 137.16 mm |
| Depth | 98.55 mm |
| Factory modification | - |

Environment

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|--|---|
| Standards | NSF ANSI 372 UL 508 CE |
| Ambient air temperature for operation | -36...125 °C |
| Ambient air temperature for storage | -36...125 °C |
| Protective treatment | None |
| NEMA degree of protection | NEMA 1 conforming to UL 50 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Product certifications | CSA file LR25490 UL listed file E12158 |

Packing Units

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|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.9 cm |
| Package 1 Width | 11.2 cm |
| Package 1 Length | 14.5 cm |
| Package 1 Weight | 870.9 g |

Offer Sustainability

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|---------------------------------|-----------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |

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|-----------------------------------|---|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

Contractual warranty

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| Warranty | 18 months |
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Recommended replacement(s)