

9013FHG2J27M1X

Square D Pumptrol, air compressor switch
9013FH, fixed differential, Off at 100 PSI, low
hp



Main

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| Range of Product | Square D Pumptrol |
| Pressure sensor name | 9013FH |
| Pressure sensor size | 100 psi (689.48 kPa) |
| Value of setting | Off at 100 psi |
| Electrical circuit type | Power circuit |
| Product Specific Application | Control small electrically driven air compressors |
| Quantity per Set | 1 |
| Type of Packing | Individual |

Complementary

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| Pressure sensor type | Electromechanical pressure switch |
| Controlled fluid | Air -22...257 °F (-30...125 °C)) |
| Adjustable range on rising pressure | 40...100 psi (275.79...689.48 kPa) |
| Approximate fixed differential | 20 psi (137.90 kPa) |
| Destruction pressure | 220 psi (1516.85 kPa) |
| Pressure actuator | Diaphragm |
| Pressure switch type of operation | Regulation between 2 thresholds |
| Scale type | Fixed differential |
| Setting | Internal |
| Local display | Without |
| Contacts type and composition | 2 NC, snap action, DPST-DB, Form YY |
| Cable entry number | 2 0.88 in (22.35 mm) cable entries with 0.84 in across flats UL 508 |
| Electrical connection | Screw-clamp terminals 10 AWG Screw-clamp terminals 5.261 mm² |
| Fluid connection type | 0.25 inch NPSF internal UL 508 |
| Short-circuit protection | 20 A cartridge fuse gG |
| Materials in contact with fluid | Zinc plated steel or equivalent flange Nitrile (Buna-N) or equivalent rubber diaphragm |
| Material | Polypropylene Cover Noryl thermoplastic resin or equivalent Cover |
| Operating position | Any position |
| Motor power kW | 1.5 KW 2 hp)230 V AC, 1 phase 1.1 KW 1.5 hp)115 V AC, 1 phase 1.5 KW 2 hp)115 V AC, 3 phase 2.2 KW 3 hp)230 V AC, 3 phase 0.75 KW 1 hp)460 V AC, 3 phase 0.75 KW 1 hp)575 V AC, 3 phase |
| Electrical durability | 100000 cycles 10 cyc/mn |
| Mechanical durability | 300000 cycles |
| Terminal block type | 4 terminals |
| Maximum operating rate | 10 cyc/mn |
| [Ui] rated insulation voltage | 575 V UL 508 |
| Product Weight | 1 lb(US) (0.45 kg) |
| Repeat accuracy | +/- 3 % |
| Terminals description ISO n°1 | L2-T2 L1-T1 |

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| Width | 3.1 in (78.74 mm) |
| Height | 2.8 in (71.12 mm) |
| Depth | 3.76 in (95.50 mm) |
| Factory modification | 2-way pressure release valve Maintained manual cut-out lever (AUTO-OFF) |

Environment

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| Standards | UL 508 CE |
| Ambient Air Temperature for Operation | -33...257 °F (-36...125 °C) |
| Ambient Air Temperature for Storage | -33...257 °F (-36...125 °C) |
| Protective treatment | None |
| NEMA degree of protection | NEMA 1 UL 50 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Product Certifications | UL listed file E12158 CSA file LR25490 |



Ordering and shipping details

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| Category | 21533-9013 FHG (INDIVIDUAL-DISCOUNT CP7I) |
| Discount Schedule | CP7I |
| GTIN | 785901050155 |
| 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 | 10.16 in (25.806 cm) |
| Package 1 Width | 4.00 in (10.16 cm) |
| Package 1 Length | 25.81 in (65.548 cm) |
| Package 1 Weight | 14.88 oz (421.841 g) |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 9.90 in (25.146 cm) |
| Package 2 Width | 12.30 in (31.242 cm) |
| Package 2 Length | 15.20 in (38.608 cm) |
| Package 2 Weight | 21.20 lb(US) (9.616 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 |
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |

Contractual warranty

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| Warranty | 18 months |
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