

Product data sheet

Characteristics

9013FRG2J35M5

Pumptrol, water pump switch 9013FR, adjust diff., 50 30 PSI, reverse action



Main

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|------------------------------|--|
| Range of Product | Pumptrol |
| Pressure sensor name | 9013FR |
| Pressure sensor size | 65 psi (448.16 kPa) 23...65 psi (158.58...448.16 kPa)) |
| Value of setting | 50...30 psi |
| Electrical circuit type | Power circuit |
| Product Specific Application | Control electrically driven water pumps |
| Quantity per Set | 1 |
| Type of Packing | Individual |

Complementary

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|-------------------------------------|---|
| Pressure sensor type | Electromechanical pressure switch |
| Controlled fluid | Fresh water 32...158 °F (-0...70 °C)) |
| Adjustable range on rising pressure | 8...45 psi (55.16...310.26 kPa) |
| Approximate adjustable differential | 15...30 psi (103.42...206.84 kPa) |
| Destruction pressure | 220 psi (1516.85 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 NO, snap action, DPST-DB, Form XX |
| 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 mm ² |
| 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 | 0.75 KW 1 hp)115 V AC, 1 phase 0.75 KW 1 hp)230 V AC, 1 phase 0.75 KW 1 hp)115 V AC, 3 phase 0.75 KW 1 hp)230 V AC, 3 phase 0.18 KW 0.25 hp)32 V DC 0.18 KW 0.25 hp)115 V DC 0.18 kW 0.25 hp)230 V DC |
| 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 |
| Net Weight | 1 lb(US) (0.45 kg) |
| Repeat accuracy | +/- 3 % |
| Terminals description ISO n°1 | L1-T1 L2-T2 |
| Width | 3.1 in (78.74 mm) |

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| Height | 2.8 in (71.12 mm) |
| Depth | 3.76 in (95.50 mm) |
| Factory modification | Maintained manual cut-in lever (AUTO-ON) |

Environment

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|---------------------------------------|-------------------------------------|
| Standards | NSF ANSI 61 Annex G UL 508 CE |
| Ambient Air Temperature for Operation | -22...158 °F (-30...70 °C) |
| Ambient Air Temperature for Storage | -22...158 °F (-30...70 °C) |
| Protective treatment | None |
| NEMA degree of protection | NEMA 1 UL 50 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Product Certifications | CSA UL Listed |

Ordering and shipping details

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|-------------------|--|
| Category | 21534-9013 FSG,FYG (INDIVIDUAL - CP7I) |
| Discount Schedule | CP7I |
| GTIN | 785901150862 |
| Returnability | No |
| 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 | 16.00 oz (453.592 g) |

Offer Sustainability

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|----------------------------|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisobutyl 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 | 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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