

Main

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| Range of product | Pumptrol |
| Pressure sensor name | 9013FY |
| Pressure sensor size | 551.6 kPa (34.5...413.7 kPa) |
| Value of setting | 30...50 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) |
| Adjustable range on rising pressure | 172.4...551.6 kPa |
| Approximate adjustable differential | 137.9...206.8 kPa |
| Destruction pressure | 1516.8 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 | 2 22.35 mm cable entries with 0.84 in across flats conforming to UL 508 |
| Electrical connection | Slip-on connectors (line and load terminals) |
| 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 |
| 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 3.7 kW (5 hp) at 230 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 | 0.52 kg |
| Repeat accuracy | +/- 3 % |
| Terminals description ISO n°1 | L2-T2 L1-T1 |
| Width | 70.61 mm |
| Height | 71.1 mm |

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| Depth | 95.50 mm |
| Factory modification | Supplied with 1 grommet Pulsation plug |

Environment

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| Standards | UL 508 NSF ANSI 61 Annex G CE |
| Ambient air temperature for operation | -22...158 °F |
| Ambient air temperature for storage | -22...158 °F |
| 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[RETURN]UL listed |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 25.806 cm |
| Package 1 Width | 10.16 cm |
| Package 1 Length | 65.548 cm |
| Package 1 Weight | 453.592 g |

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 Diisodecyl 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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