

Main

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| Range of product | Pumptrol |
| Pressure sensor name | 9013FS |
| Pressure sensor size | 448.16 kPa (34.47...310.26 kPa) |
| Value of setting | 20...40 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 (-0...70 °C) |
| Adjustable range on rising pressure | 137.9...448.2 kPa |
| Approximate adjustable differential | 103.4...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 | Screw-clamp terminals, clamping capacity: 10 AWG Screw-clamp terminals, clamping capacity: 5.261 mm² |
| 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 | 1.1 KW (1.5 hp) at 115 V AC, 1 phase 1.5 KW (2 hp) at 230 V AC, 1 phase 1.5 KW (2 hp) at 115 V AC, 3 phases 2.2 KW (3 hp) at 230 V AC, 3 phases 0.75 KW (1 hp) at 460 V AC, 3 phases 0.75 KW (1 hp) at 575 V AC, 3 phases 0.18 KW (0.25 hp) at 115 V DC 0.18 kW (0.25 hp) at 230 V DC |
| 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 | 0.5 kg |
| Repeat accuracy | +/- 3 % |
| Terminals description ISO n°1 | L2-T2 L1-T1 |

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| Width | 78.74 mm |
| Height | 71.1 mm |
| Depth | 95.50 mm |
| Factory modification | Low pressure cut-off (AUTO-START-OFF) operates roughly 10 PSIG below cut-in |

Environment

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| Standards | UL 508 CE NSF ANSI 61 Annex G |
| 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 | UL listed[RETURN]CSA |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 12.192 cm |
| Package 1 Width | 12.7 cm |
| Package 1 Length | 12.7 cm |
| Package 1 Weight | 390.089 g |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| 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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