



## Main

|                              |   |
|------------------------------|---|
| Range of Product             | Pumptrol  |
| Pressure sensor name         | 9013FS  |
| Pressure sensor size         | 65 psi (448.2 kPa) 5...45 psi (34.5...310.3 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

|                                     |  |
|-------------------------------------|--|
| Pressure sensor type                | Electromechanical pressure switch  |
| Controlled fluid                    | Fresh water -0...70 °C (32...158 °F))  |
| Adjustable range on rising pressure | 20...65 psi (137.9...448.2 kPa)  |
| Approximate adjustable differential | 15...30 psi (103.4...206.8 kPa)  |
| Destruction pressure                | 220 psi (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 0.88 in (22.35 mm) cable entries with 0.84 in across flats UL 508  |
| Electrical connection               | Screw-clamp terminals 10 AWG<br>Screw-clamp terminals 5.261 mm <sup>2</sup>  |
| 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<br>Nitrile (Buna-N) or equivalent rubber diaphragm  |
| Material                            | Polypropylene: Cover<br>Noryl thermoplastic resin or equivalent: Cover   |
| Operating position                  | Any position   |
| Motor power kW                      | 1.1 KW 1.5 hp)115 V AC, 1 phase<br>1.5 KW 2 hp)230 V AC, 1 phase<br>1.5 KW 2 hp)115 V AC, 3 phase<br>2.2 KW 3 hp)230 V AC, 3 phase<br>0.75 KW 1 hp)460 V AC, 3 phase<br>0.75 KW 1 hp)575 V AC, 3 phase<br>0.18 KW 0.25 hp)115 V DC<br>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) (0.5 kg)  |
| Repeat accuracy                     | +/- 3 %  |

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|                               |   |
|-------------------------------|---|
| Terminals description ISO n°1 | L2-T2<br>L1-T1  |
| Width                         | 3.1 in (78.7 mm)  |
| Height                        | 2.8 in (71.1 mm)  |
| Depth                         | 3.76 in (95.50 mm)  |
| Factory modification          | Low pressure cut-off (AUTO-START-OFF) operates roughly 10 PSIG below cut-in |

## Environment

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


## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1CP7I21534 |
| Discount Schedule | CP7I         |
| GTIN              | 785901562382 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 4.80 in (12.192 cm)   |
| Package 1 Width              | 5.00 in (12.7 cm)     |
| Package 1 Length             | 5.00 in (12.7 cm)     |
| Package 1 Weight             | 13.760 oz (390.089 g) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  |
| Mercury free               | Yes   |
| RoHS exemption information |  Yes   |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|