

## Main

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Range of Product             | Pumptrol                                         |
| Pressure sensor name         | 9013FS                                           |
| Pressure sensor size         | 30 psi (206.8 kPa) 3...10 psi (20.7...68.9 kPa)) |
| Value of setting             | 5...21 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 | 9...30 psi (62.05...206.8 kPa)                                                                                                                                                                         |
| Approximate adjustable differential | 6...20 psi (41.4...137.9 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 mm²                                                                                                                                        |
| Fluid connection type               | 0.25 inch NPT external 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                  | Vertical position                                                                                                                                                                                      |
| Motor power kW                      | 1.5 KW 2 hp)230 V AC, 1 phase<br>1.1 KW 1.5 hp)115 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 |
| 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 %                                                                                                                                                                                                |
| Terminals description ISO n°1       | L1-T1<br>L2-T2                                                                                                                                                                                         |
| Width                               | 2.78 in (70.61 mm)                                                                                                                                                                                     |

|                      |                    |
|----------------------|--------------------|
| Height               | 2.8 in (71.1 mm)   |
| Depth                | 3.76 in (95.50 mm) |
| Factory modification | -                  |

## Environment

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Standards                             | CE<br>NSF ANSI 61 Annex G<br>UL 508 |
| 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 3R 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              | 785901695455 |
| Returnability     | Yes          |
| Country of origin | US           |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| 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             | 16.000 oz (453.592 g) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                                                                                                        |

## Contractual warranty

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