

## Main

|                              |                                                   |
|------------------------------|---------------------------------------------------|
| Range of Product             | Pumptrol                                          |
| Pressure sensor name         | 9013FH                                            |
| Pressure sensor size         | 200 psi (1379.0 kPa)                              |
| Value of setting             | Off at 175 psi                                    |
| Electrical circuit type      | Power circuit                                     |
| Product Specific Application | Control small electrically driven air compressors |
| Quantity per Set             | 1                                                 |
| Type of Packing              | Individual                                        |

## Complementary

|                                     |                                                                                                                                                                                                        |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pressure sensor type                | Electromechanical pressure switch                                                                                                                                                                      |
| Controlled fluid                    | Air -0...70 °C (32...158 °F)                                                                                                                                                                           |
| Adjustable range on rising pressure | 100...200 psi (689.5...1379.0 kPa)                                                                                                                                                                     |
| Approximate fixed differential      | 40 psi (275.8 kPa)                                                                                                                                                                                     |
| Destruction pressure                | 220 psi (1516.8 kPa)                                                                                                                                                                                   |
| Pressure actuator                   | Diaphragm                                                                                                                                                                                              |
| Pressure switch type of operation   | Regulation between 2 thresholds                                                                                                                                                                        |
| Scale type                          | Fixed 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 4-way flange 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 |
| 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               | 4.45 in (113.03 mm)          |
| Depth                | 3.76 in (95.50 mm)           |
| Factory modification | 2-way pressure release valve |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | CE<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 1 UL 50                 |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Product Certifications                | CSA[RETURN]UL Listed         |

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1CP7I21533 |
| Discount Schedule | CP7I         |
| GTIN              | 785901667742 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 8.26 in (20.968 cm)   |
| Package 1 Width              | 3.25 in (8.255 cm)    |
| Package 1 Length             | 20.97 in (53.258 cm)  |
| Package 1 Weight             | 15.040 oz (426.377 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 |
|----------|-----------|