



## Main

|                              |   |
|------------------------------|---|
| Range of product             | Square D Pumptrol                                 |
| Pressure sensor name         | 9013FH  |
| Pressure sensor size         | 100 psi (689.48 kPa)                              |
| Value of setting             | Off at 100 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 -22...257 °F (-30...125 °C))                                    |
| Adjustable range on rising pressure | 40...100 psi (275.79...689.48 kPa)                                  |
| Approximate fixed differential      | 20 psi (137.90 kPa)   |
| Destruction pressure                | 220 psi (1516.85 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 mm²     |
| Fluid connection type               | 0.25 inch NPSF internal UL 508                                      |

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

|                                 |  |
|---------------------------------|--|
| 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                  | 1.5 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) (0.45 kg)   |
| Repeat accuracy                 | +/- 3 %  |
| Terminals description ISO n°1   | L2-T2<br>L1-T1   |
| Width                           | 2.78 in (70.61 mm)   |
| Height                          | 2.8 in (71.12 mm)  |
| Depth                           | 3.76 in (95.50 mm)   |
| Factory modification            | Quick connect two-way pressure release valve (for use with polyflow tubing)  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | UL 508<br>CE                              |
| Ambient air temperature for operation | -33...257 °F (-36...125 °C)               |
| Ambient air temperature for storage   | -33...257 °F (-36...125 °C)               |
| Protective treatment                  | None                                      |
| NEMA degree of protection             | NEMA 1 UL 50                              |
| IP degree of protection               | IP20 conforming to IEC 60529              |
| Product certifications                | UL listed file E12158<br>CSA file LR25490 |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 21533 - 9013 FHG (INDIVIDUAL-DISCOUNT CP7I) |
| Discount Schedule     | CP7I  |
| GTIN                  | 00785901335788                              |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 1 lb(US) (0.45 kg)                          |
| Returnability         | No  |
| Country of origin     | MX  |

## Packing Units

|                  |                      |
|------------------|----------------------|
| 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) |

## Offer Sustainability

|                           |   |
|---------------------------|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and 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    |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |
| Circularity Profile      | <a href="#">End of Life Information</a>       |

### Contractual warranty

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