



## 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 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                      | 1.5 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       | L1-T1<br>L2-T2   |
| Width                               | 3.1 in (78.74 mm)  |

|                      |  |
|----------------------|--|
| Height               | 2.8 in (71.12 mm)                          |
| Depth                | 3.76 in (95.50 mm)                         |
| Factory modification | Maintained manual cut-out lever (AUTO-OFF) |

## 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                | CSA file LR25490<br>UL listed file E12158 |

## Ordering and shipping details

|                     |   |
|---------------------|---|
| Category            | 21533 - 9013 FHG (INDIVIDUAL-DISCOUNT CP7I) |
| Discount Schedule   | CP7I  |
| GTIN                | 00785901961499                              |
| Package weight(Lbs) | 0.87 lb(US) (0.39 kg)                       |
| Returnability       | Yes   |
| Country of origin   | MX  |

## Offer Sustainability

|                          |   |
|--------------------------|---|
| 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 |
|----------|-----------|