



## Main

|                              |                                                   |
|------------------------------|---------------------------------------------------|
| Range of Product             | Square D Pumptrol                                 |
| Pressure sensor name         | 9013FH                                            |
| Pressure sensor size         | 150 psi (1034.21 kPa)                             |
| Value of setting             | Off at 135 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 | 70...150 psi (482.63...1034.21 kPa)                                                                                                                                                                    |
| Approximate fixed differential      | 30 psi (206.84 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 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                  | 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                                                                                                                                                                                         |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                      |                    |
|----------------------|--------------------|
| Width                | 2.78 in (70.61 mm) |
| Height               | 3.92 in (99.57 mm) |
| Depth                | 3.76 in (95.50 mm) |
| Factory modification | -                  |

## 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              | 785901667681                              |
| Returnability     | No                                        |

## 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             | 16.00 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                                                                                                                                                                                                                                                                                                                                        |
| Environmental Disclosure  | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                     |
| Circularity Profile       | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                                                                                                           |

## Contractual warranty

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