



### Main

|                              |   |
|------------------------------|---|
| Range of product             | Square D Pumptrol                                 |
| Pressure sensor name         | 9013FH  |
| Pressure sensor size         | 100 psi   |
| Value of setting             | Specify pressure settings                         |
| 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)  |
| Adjustable range on rising pressure | 40...100 psi  |
| Approximate fixed differential      | 20 psi  |
| Destruction pressure                | 220 psi   |
| 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 cable entries with 0.84 in across flats UL 508  |
| Electrical connection               | Screw-clamp terminals, clamping capacity: 10 AWG<br>Screw-clamp terminals, clamping capacity: 5.261 mm <sup>2</sup> |
| Fluid connection type               | 0.25 inch NPSF internal conforming to UL 508  |
| Short-circuit protection            | 20 A by cartridge fuse, type 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) at 230 V AC, 1 phase<br>1.1 kW (1.5 hp) at 115 V AC, 1 phase<br>1.5 kW (2 hp) at 115 V AC, 3 phases<br>2.2 kW (3 hp) at 230 V AC, 3 phases<br>0.75 kW (1 hp) at 460 V AC, 3 phases<br>0.75 kW (1 hp) at 575 V AC, 3 phases |
| Electrical durability         | 100000 cycles at 10 cyc/mn   |
| Mechanical durability         | 300000 cycles  |
| Terminal block type           | 4 terminals  |
| Operating rate                | 10 cyc/mn  |
| [U] rated insulation voltage  | 575 V conforming to UL 508   |
| Product weight                | 1 lb(US)   |
| Repeat accuracy               | +/- 3 %  |
| Terminals description ISO n°1 | L1-T1<br>L2-T2   |
| Width                         | 2.78 in  |
| Height                        | 2.8 in   |
| Depth                         | 3.76 in  |
| Factory modification          | Pulsation plug   |

## Environment

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

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1150 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product Environmental Profile</a>  |
| Product end of life instructions | Available<br><a href="#">End of Life Information</a>  |

## Contractual warranty

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