



## Main

|                              |   |
|------------------------------|---|
| Range of product             | Square D Pumptrol                       |
| Pressure sensor name         | 9013FR                                  |
| Pressure sensor size         | 45 psi (10...45 psi)                    |
| Value of setting             | 22...12 psi                             |
| Electrical circuit type      | Power circuit                           |
| Product specific application | Control electrically driven water pumps |
| Quantity per set             | 1                                       |
| Type of packing              | Individual                              |

## Complementary

|                                     |  |
|-------------------------------------|--|
| Pressure sensor type                | Electromechanical pressure switch  |
| Controlled fluid                    | Fresh water (-22...120 °F)   |
| Adjustable range on rising pressure | 4...25 psi   |
| Approximate adjustable differential | 6...20 psi   |
| Destruction pressure                | 220 psi  |
| Pressure actuator                   | Diaphragm  |
| Pressure switch type of operation   | Regulation between 2 thresholds  |
| Scale type                          | Adjustable differential  |
| Setting                             | Internal   |
| Local display                       | Without  |
| Contacts type and composition       | 2 NO, snap action, DPST-DB, Form XX  |
| 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     | Nitrile (Buna-N) or equivalent rubber diaphragm<br>Glass filled nylon flange   |
| Material                            | Polypropylene cover<br>Noryl thermoplastic resin or equivalent cover   |
| Operating position                  | Any position   |
| Motor power kW                      | 0.75 kW (1 hp) at 115 V AC, 1 phase<br>0.75 kW (1 hp) at 230 V AC, 1 phase<br>0.75 kW (1 hp) at 115 V AC, 3 phases<br>0.75 kW (1 hp) at 230 V AC, 3 phases<br>0.18 kW (0.25 hp) at 32 V DC<br>0.18 kW (0.25 hp) at 115 V DC<br>0.18 kW (0.25 hp) at 230 V DC |
| Electrical durability               | 100000 cycles at 10 cyc/mn   |
| Mechanical durability               | 300000 cycles  |
| Terminal block type                 | 4 terminals  |
| Operating rate                      | 10 cyc/mn  |
| [Ui] 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  |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

|                      |         |
|----------------------|---------|
| Height               | 3.71 in |
| Depth                | 3.76 in |
| Factory modification | -       |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | CE<br>UL 508<br>NSF ANSI 61 Annex G       |
| 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 |
| REACH                            | Reference contains SVHC above the threshold                           |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|