



## Main

|                              |   |
|------------------------------|---|
| Range of product             | Square D Pumptrol   |
| Pressure sensor name         | 9013GS  |
| Pressure sensor size         | 80 psi (5...60 psi)   |
| Value of setting             | 30...50 psi   |
| Electrical circuit type      | Power circuit   |
| Product specific application | Control electrically driven water pumps and air compressors |
| Quantity per set             | 1   |
| Type of packing              | Individual  |

## Complementary

|  |   |
|--|---|
| Pressure sensor type                       | Electromechanical pressure switch   |
| Controlled fluid                           | Air (-22...257 °F)<br>Fresh water (-22...257 °F)  |
| Adjustable range on rising pressure        | 20...80 psi   |
| Approximate adjustable differential        | 15...30 psi   |
| Destruction pressure                       | 300 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 NC, snap action, DPST-DB, Form YY   |
| Cable entry number                         | 3 knock-outs for 1/2" conduit 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 115 V AC, 1 phase<br>2.2 kW (3 hp) at 115 V AC, 3 phases<br>2.2 kW (3 hp) at 230 V AC, 1 phase<br>0.75 kW (1 hp) at 115 V DC<br>0.75 kW (1 hp) at 230 V DC<br>3.75 kW (5 hp) at 230 V AC, 3 phases<br>3.7 kW (5 hp) at 460 V AC, 1 phase<br>3.7 kW (5 hp) at 460 V AC, 3 phases<br>3.7 kW (5 hp) at 575 V AC, 1 phase<br>3.7 kW (5 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 <sub>i</sub> ] rated insulation voltage | 575 V conforming to UL 508  |
| Product weight                             | 2.25 lb(US)   |
| Repeat accuracy                            | +/- 3 %   |

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|                               |                |
|-------------------------------|----------------|
| Terminals description ISO n°1 | L1-T1<br>L2-T2 |
| CAD overall width             | 3.44 in        |
| CAD overall height            | 5.4 in         |
| CAD overall depth             | 3.88 in        |
| Factory modification          | -              |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | CE<br>UL 508<br>NSF ANSI 372              |
| 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                             | Compliant - since 1150 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |