



## Main

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| Range of product             | Square D Pumptrol                                           |
| Pressure sensor name         | 9013GH                                                      |
| Pressure sensor size         | 200 psi (40...170 psi)                                      |
| Value of setting             | 140...175 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 | 65...200 psi                                                                                                                                                                                                                                                                                                                                                                  |
| Approximate adjustable differential | 20...40 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                                                                                                                                                                                                                                                                                                                                                                     |
| [Ui] rated insulation voltage       | 575 V conforming to UL 508                                                                                                                                                                                                                                                                                                                                                    |
| Product weight                      | 2.25 lb(US)                                                                                                                                                                                                                                                                                                                                                                   |
| Repeat accuracy                     | +/- 3 %                                                                                                                                                                                                                                                                                                                                                                       |
| Terminals description ISO n°1       | L1-T1                                                                                                                                                                                                                                                                                                                                                                         |

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|                      |         |
|----------------------|---------|
|                      | L2-T2   |
| Width                | 3.44 in |
| Height               | 5.4 in  |
| 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         | Not Green Premium product                   |
| RoHS (date code: YYWW)           | Will not be Compliant                       |
| REACH                            | Reference contains SVHC above the threshold |
| Product environmental profile    | Available                                   |
| Product end of life instructions | Available                                   |

## Contractual warranty

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