

# Product data sheet

## Characteristics

# 9013GHG6J58

pump or compressor switch 9013GH - adjustable diff. - 125-150 psi



by Schneider Electric

Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 74.00 USD



### Main

|                              |   |
|------------------------------|---|
| Range of product             | Square D Pumptrol   |
| Pressure sensor name         | 9013GH  |
| Pressure sensor size         | 250 psi (32...215 psi)                                      |
| Value of setting             | 125...150 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 | 80...250 psi  |
| Approximate adjustable differential | 24...45 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               | 0.375 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<br>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 |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 21536 - 9013 G COMMERCIAL PRESSURE SWITCH |
| Discount Schedule     | CP7G                                      |
| GTIN                  | 00785901420231                            |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 2   |
| Returnability         | N   |
| Country of origin     | MX  |

### Offer Sustainability

|                                  |  |
|----------------------------------|--|
| RoHS (date code: YYWW)           | Will not be compliant  |
| REACH                            | Reference contains SVHC above the threshold - Go to CaP for more details <a href="#">Go to-CaP for more details</a>        |
| Product environmental profile    | Available  |
| Product end of life instructions | Available  |
| California proposition 65        | WARNING: This product can expose you to chemicals including:   |
| ----- Substance 1                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                |
| ----- Substance 2                | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause-birth defects or other reproductive harm. |
| ----- More information           | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

### Contractual warranty

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

|                       |                       |
|-----------------------|-----------------------|
| Product Life Status : | <b>Commercialised</b> |
|-----------------------|-----------------------|