



## Main

|                              |   |
|------------------------------|---|
| Range of product             | Pumtrol   |
| Pressure sensor name         | 9013GH  |
| Pressure sensor size         | 1723.69 kPa (220.63...1482.37 kPa)                          |
| Value of setting             | Specify pressure settings                                   |
| 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 (-0...70 °C)<br>Fresh water (-0...70 °C)  |
| Adjustable range on rising pressure | 551.58...1723.69 kPa  |
| Approximate adjustable differential | 165.47...310.26 kPa   |
| Destruction pressure                | 2068.4 kPa  |
| 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 conforming to 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 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, operating rate <10 cyc/mn  |
| Mechanical durability               | 300000 cycles   |
| Terminal block type                 | 4 terminals   |
| Maximum operating rate              | 10 cyc/mn   |
| [Ui] rated insulation voltage       | 575 V conforming to UL 508  |
| Net weight                          | 1.02 kg   |
| Repeat accuracy                     | +/- 3 %   |

|                               |                              |
|-------------------------------|------------------------------|
| Terminals description ISO n°1 | L2-T2<br>L1-T1               |
| Width                         | 106.43 mm                    |
| Height                        | 137.16 mm                    |
| Depth                         | 98.55 mm                     |
| Factory modification          | 2-way pressure release valve |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | NSF ANSI 372<br>UL 508<br>CE |
| Ambient air temperature for operation | -22...158 °F                 |
| Ambient air temperature for storage   | -22...158 °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                | CSA[RETURN]UL listed         |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

## Offer Sustainability

|  |   |
|--|---|
| Sustainable offer status                   | Green Premium product   |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |

## Contractual warranty

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