



### Main

|                              |   |
|------------------------------|---|
| Range of product             | Pumptrol  |
| Pressure sensor name         | 9013FH  |
| Pressure sensor size         | 689.48 kPa  |
| Value of setting             | Off at 80 psi                                     |
| Electrical circuit type      | Power circuit                                     |
| Product specific application | Control small electrically driven air compressors |
| Quantity per set             | 1   |
| Type of packing              | Individual  |

### Complementary

|                                     |  |
|-------------------------------------|--|
| Pressure sensor type                | Electromechanical pressure switch  |
| Controlled fluid                    | Air (-0...70 °C)   |
| Adjustable range on rising pressure | 275.79...689.48 kPa  |
| Approximate fixed differential      | 137.90 kPa   |
| Destruction pressure                | 1516.85 kPa  |
| Pressure actuator                   | Diaphragm  |
| Pressure switch type of operation   | Regulation between 2 thresholds  |
| Scale type                          | Fixed differential   |
| Setting                             | Internal   |
| Local display                       | Without  |
| Contacts type and composition       | 2 NC, snap action, DPST-DB, Form YY  |
| Cable entry number                  | 2 22.35 mm cable entries with 0.84 in across flats 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               | 0.25 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>3.7 kW (5 hp) at 230 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  |
| [U] rated insulation voltage        | 575 V conforming to UL 508   |
| Net weight                          | 0.45 kg  |
| Repeat accuracy                     | +/- 3 %  |
| Terminals description ISO n°1       | L1-T1<br>L2-T2   |
| Width                               | 70.61 mm   |
| Height                              | 94.23 mm   |

|                      |                              |
|----------------------|------------------------------|
| Depth                | 95.50 mm                     |
| Factory modification | 2-way pressure release valve |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | CE<br>UL 508                 |
| Ambient air temperature for operation | -30...70 °C                  |
| Ambient air temperature for storage   | -30...70 °C                  |
| 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[RETURN]CSA         |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 9.652 cm  |
| Package 1 Width              | 9.906 cm  |
| Package 1 Length             | 7.112 cm  |
| Package 1 Weight             | 453.592 g |

## Offer Sustainability

|  |   |
|--|---|
| Environmental Disclosure                   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile                        | <a href="#">End of Life Information</a>   |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause 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 |
|----------|-----------|