

# Product data sheet

## Characteristics

# 9013FHG59J27G4M1X

air compressor switch 9013FH - fixed differential -  
Off at 100 psi - high hp

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



Price\* : 43.80 USD



### Main

|                              |   |
|------------------------------|---|
| Range of product             | Square D Pumptrol                                 |
| Pressure sensor name         | 9013FH  |
| Pressure sensor size         | 200 psi   |
| Value of setting             | Off at 100 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 (-22...257 °F)  |
| Adjustable range on rising pressure | 100...200 psi   |
| Approximate fixed differential      | 40 psi  |
| Destruction pressure                | 220 psi   |
| 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 0.88 in cable entries with 0.84 in across flats 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 NPT external 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>3.7 kW (5 hp) at 230 V AC, 3 phases<br>0.37 kW (0.5 hp) at 115 V DC<br>0.37 kW (0.5 hp) at 230 V DC |
| Electrical durability           | 100000 cycles at 10 cyc/mn   |
| Mechanical durability           | 300000 cycles  |
| Terminal block type             | 4 terminals  |
| Operating rate                  | 10 cyc/mn  |
| [U] rated insulation voltage    | 575 V conforming to UL 508   |
| Product weight                  | 1 lb(US)   |
| Repeat accuracy                 | +/- 3 %  |
| Terminals description ISO n°1   | L1-T1<br>L2-T2   |
| Width                           | 3.1 in   |
| Height                          | 3.92 in  |
| Depth                           | 3.76 in  |
| Factory modification            | 2-way pressure release valve<br>Maintained manual cut-out lever (AUTO-OFF)<br>Addition of a second ground screw  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | CE<br>UL 508                              |
| 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              | 21533 - 9013 FHG (INDIVIDUAL-DISCOUNT CP7I) |
| Discount Schedule     | CP7I  |
| GTIN                  | 00785901361114                              |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 1   |
| Returnability         | N   |
| Country of origin     | MX  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| RoHS (date code: YYWW)           | Will not be compliant<br><b>Will not be compliant</b>   |
| REACH                            | Reference not containing SVHC above the threshold<br><b>Reference not containing SVHC above the threshold</b> |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |
| California proposition 65        | WARNING: This product can expose you to chemicals including:  |

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|                        |  |
|------------------------|--|
| ----- Substance 1      | Lead and lead compounds, which is known to the State of California to cause cancer and 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>                                    |

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### Contractual warranty

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| Warranty period | 18 months |
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