



Main

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| Range of product | Square D Pumptrol |
| Pressure sensor name | 9013FH |
| Pressure sensor size | 200 psi |
| Value of setting | Off at 175 psi |
| Electrical circuit type | Power circuit |
| Product specific application | Control small electrically driven air compressors |
| Quantity per set | 1 |
| Type of packing | Individual |

Complementary

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| 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 Screw-clamp terminals, clamping capacity: 5.261 mm ² |
| Fluid connection type | 0.25 inch 4-way flange 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 Nitrile (Buna-N) or equivalent rubber diaphragm |
| Material | Polypropylene cover Noryl thermoplastic resin or equivalent cover |
| Operating position | Any position |
| Motor power kW | 1.5 kW (2 hp) at 230 V AC, 1 phase |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

1.1 kW (1.5 hp) at 115 V AC, 1 phase
 1.5 kW (2 hp) at 115 V AC, 3 phases
 2.2 kW (3 hp) at 230 V AC, 3 phases
 0.75 kW (1 hp) at 460 V AC, 3 phases
 0.75 kW (1 hp) at 575 V AC, 3 phases

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| 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 | 1 lb(US) |
| Repeat accuracy | +/- 3 % |
| Terminals description ISO n°1 | L1-T1 L2-T2 |
| Width | 2.78 in |
| Height | 4.45 in |
| Depth | 3.76 in |
| Factory modification | Quick connect two-way pressure release valve (for use with polyflow tubing) |

Environment

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|---------------------------------------|---|
| Standards | CE 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 CSA file LR25490 |

Offer Sustainability

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| RoHS (date code: YYWW) | Will not be compliant Will not be compliant |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product Environmental Profile |
| Product end of life instructions | Available End of Life Information |

Contractual warranty

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| Warranty period | 18 months |
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