

## Product data sheet

### Characteristics

# 9013FHG12J52B7PU2

Square D Pumptrol, air compressor switch  
9013FH, fixed differential, Off at 125 PSI, low  
hp



### Main

Range of product	Square D Pumptrol
Pressure sensor name	9013FH
Pressure sensor size	1034.21 kPa
Value of setting	Off at 125 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 (-30...125 °C)
Adjustable range on rising pressure	482.63...1034.21 kPa
Approximate fixed differential	206.84 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	Slip-on connectors (line and load terminals)
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 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 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
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	0.52 kg
Repeat accuracy	+/- 3 %

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Terminals description ISO n°1	L1-T1 L2-T2
Width	70.61 mm
Height	94.23 mm
Depth	95.50 mm
Factory modification	Supplied with 1 grommet Pulsation plug

## Environment

Standards	CE UL 508
Ambient air temperature for operation	-36...125 °C
Ambient air temperature for storage	-36...125 °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 file E12158 CSA file LR25490

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.4 cm
Package 1 Width	7.1 cm
Package 1 Length	9.6 cm
Package 1 Weight	453.592 g

## Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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