

# Product data sheet

Specifications

SQUARE D



## Square D Pumptrol, air compressor switch 9013FH, fixed differential, Off at 80 PSI, high hp

9013FHG29J43

! To be discontinued on: 31 March 2022

! To be end-of-service on: 31 March 2022

! To be discontinued

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

**Price\* : 46.80 USD**

### Main

Range of Product	Square D Pumptrol
Pressure sensor name	9013FH
Pressure sensor size	100 psi (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 -22...257 °F (-30...125 °C))
Adjustable range on rising pressure	40...100 psi (275.79...689.48 kPa)
Approximate fixed differential	20 psi (137.90 kPa)
Destruction pressure	220 psi (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 0.88 in (22.35 mm) cable entries with 0.84 in across flats UL 508
Electrical connection	Screw-clamp terminals 10 AWG Screw-clamp terminals 5.261 mm <sup>2</sup>
Fluid connection type	0.25 inch NPT external UL 508

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Short-circuit protection</b>	20 A cartridge fuse gG
<b>Materials in contact with fluid</b>	Zinc plated steel or equivalent flange Nitrile (Buna-N) or equivalent rubber diaphragm
<b>Material</b>	Polypropylene Cover Noryl thermoplastic resin or equivalent Cover
<b>Operating position</b>	Any position
<b>Motor power kW</b>	1.5 kW 2 hp)115 V AC, 1 phase 2.2 kW 3 hp)115 V AC, 3 phase 2.2 kW 3 hp)230 V AC, 1 phase 3.7 kW 5 hp)230 V AC, 3 phase
<b>Electrical durability</b>	100000 cycles 10 cyc/mn
<b>Mechanical durability</b>	300000 cycles
<b>Terminal block type</b>	4 terminals
<b>Maximum operating rate</b>	10 cyc/mn
<b>[Ui] rated insulation voltage</b>	575 V UL 508
<b>Net weight</b>	1 lb(US) (0.45 kg)
<b>Repeat accuracy</b>	+/- 3 %
<b>Terminals description ISO n°1</b>	L2-T2 L1-T1
<b>Width</b>	2.78 in (70.61 mm)
<b>Height</b>	3.92 in (99.57 mm)
<b>Depth</b>	3.76 in (95.50 mm)
<b>Factory modification</b>	-

## Environment

<b>Standards</b>	UL 508 CE
<b>Ambient Air Temperature for Operation</b>	-33...257 °F (-36...125 °C)
<b>Ambient Air Temperature for Storage</b>	-33...257 °F (-36...125 °C)
<b>Protective treatment</b>	None
<b>NEMA degree of protection</b>	NEMA 1 UL 50
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Product certifications</b>	UL listed file E12158 CSA file LR25490

## Ordering and shipping details

<b>Category</b>	21533 - 9013 FHG (INDIVIDUAL-DISCOUNT CP7I)
<b>Discount Schedule</b>	CP7I
<b>GTIN</b>	785901437437
<b>Nbr. of units in pkg.</b>	1
<b>Package weight(Lbs)</b>	16.00 oz (453.592 g)
<b>Returnability</b>	No
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Package 1 Height</b>	3.80 in (9.652 cm)

Package 1 width	3.90 in (9.906 cm)
Package 1 Length	2.80 in (7.112 cm)

## Offer Sustainability


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>
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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## Recommended replacement(s)

9013FHG29J43 is replaced by the following product range:



**Pressure Switches - Square D™ NEMA,**  
A comprehensive range of Pressure switches, Vacuum switches and Float switches, compliant with US and international standards

Products: 903