

# 9013FHG19J69M1X

air compressor switch 9013FH - fixed  
differential - Off at 120 psi - low hp



## Main

Range of product	Square D Pumptrol
Pressure sensor name	9013FH
Pressure sensor size	150 psi (1034.21 kPa)
Value of setting	Off at 120 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	70...150 psi (482.63...1034.21 kPa)
Approximate fixed differential	30 psi (206.84 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
Short-circuit protection	20 A cartridge fuse 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)230 V AC, 1 phase 1.1 KW 1.5 hp)115 V AC, 1 phase 1.5 KW 2 hp)115 V AC, 3 phase 2.2 KW 3 hp)230 V AC, 3 phase 0.75 KW 1 hp)460 V AC, 3 phase 0.75 kW 1 hp)575 V AC, 3 phase
Electrical durability	100000 cycles 10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals
Maximum operating rate	10 cyc/mn
[Ui] rated insulation voltage	575 V UL 508
Net Weight	1 lb(US) (0.45 kg)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Maximum Width	3.1 in (78.74 mm)

Height	3.92 in (99.57 mm)
Depth	3.76 in (95.50 mm)
Factory modification	Maintained manual cut-out lever (AUTO-OFF) 2-way pressure release valve

## Environment

Standards	UL 508 CE
Ambient air temperature for operation	-33...257 °F (-36...125 °C)
Ambient air temperature for storage	-33...257 °F (-36...125 °C)
Protective treatment	None
NEMA degree of protection	NEMA 1 UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product certifications	UL listed file E12158 CSA file LR25490

## Ordering and shipping details

Category	21533 - 9013 FHG (INDIVIDUAL-DISCOUNT CP7I)
Discount Schedule	CP7I
GTIN	00785901747345
Package weight(Lbs)	0.91 lb(US) (0.41 kg)
Returnability	No
Country of origin	MX

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and 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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