Product data sheet
Characteristics

9013FHG22J27M1X
Pumptrol, air compressor switch 9013FH, fixed differential, Off at 100 PSI, high hp



Main

Range of Product	Pumptrol
Pressure sensor name	9013FH
Pressure sensor size	100 psi (689.48 kPa)
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 32…158 °F (-0…70 °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 mm²
Fluid connection type	0.25 inch NPSF internal 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)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 0.37 KW 0.5 hp)115 V DC 0.37 kW 0.5 hp)230 V DC
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	L1-T1 L2-T2
Width	3.1 in (78.74 mm)

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Height	3.71 in (94.23 mm)
Depth	3.76 in (95.50 mm)
Factory modification	2-way pressure release valve Maintained manual cut-out lever (AUTO-OFF)

Environment

Standards	CE UL 508
Ambient Air Temperature for Operation	-22…158 °F (-30…70 °C)
Ambient Air Temperature for Storage	-22…158 °F (-30…70 °C)
Protective treatment	None
NEMA degree of protection	NEMA 1 UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product Certifications	CSA UL Listed

Ordering and shipping details

Category	21533-9013 FHG (INDIVIDUAL-DISCOUNT CP7I)
Discount Schedule	CP7I
GTIN	785901283140
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.16 in (25.806 cm)
Package 1 Width	4.00 in (10.16 cm)
Package 1 Length	25.81 in (65.548 cm)
Package 1 Weight	15.36 oz (435.449 g)

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 www.P65Warnings.ca.gov
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months