Product data sheet

Specifications



Square D Pumptrol, pump or compressor switch 9013GH, adjustable diff., 120 150 PSI

9013GHG5J57X

Product availability : Stock - Normally stocked in distribution facility

Price* : 100.00 USD

Main

Range of Product	Square D Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	250 psi (1723.69 kPa) 32…215 psi (220.63…1482.37 kPa))
Value of setting	120...150 psi
Electrical circuit type	Power circuit
Product Specific Application	Control electrically driven water pumps and 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)) Fresh water -22…257 °F (-30…125 °C))
Adjustable range on rising pressure	80…250 psi (551.58…1723.69 kPa)
Approximate adjustable differential	24…45 psi (165.47…310.26 kPa)
Destruction pressure	300 psi (2068.43 kPa)
Pressure actuator	Diaphragm
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Setting	Internal
Local display	Without
Contacts type and composition	2 NC, snap action, DPST-DB, Form YY
Cable entry number	3 knock-outs for 1/2" conduit UL 508
Electrical connection	Screw-clamp terminals 10 AWG Screw-clamp terminals 5.261 mm²
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

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

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

	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 0.75 kW 1 hp)115 V DC 0.75 kW 1 hp)230 V DC 3.75 kW 5 hp)230 V AC, 3 phase 3.7 kW 5 hp)460 V AC, 1 phase 3.7 kW 5 hp)460 V AC, 3 phase 3.7 kW 5 hp)575 V AC, 1 phase 3.7 kW 5 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	2.25 lb(US) (1.02 kg)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	4.19 in (106.43 mm)
Height	5.4 in (137.16 mm)
Depth	3.88 in (98.55 mm)
Factory modification	2-way pressure release valve

Environment

Standards	NSF ANSI 372 CE UL 508
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	21536-9013 G COMMERCIAL PRESSURE SWITCH
Discount Schedule	CP7G
GTIN	785901667728
Number of Units in Package 1	1
Package 1 Weight	34.08 oz (966.152 g)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE

Package 1 Height	12.70 in (32.258 cm)
Package 1 Width	5.00 in (12.7 cm)
Package 1 Length	32.26 in (81.935 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months