Product data sheet
Characteristics

9013GHR5J60
pump or compressor switch 9013GH - adjustable diff. - 125-175 psi



Main

Range of product	Square D Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	250 psi (1723.69 kPa) 30…190 psi (206.84…1310.00 kPa))
Value of setting	125...175 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	40…60 psi (275.79…413.69 kPa)
Destruction pressure	250 psi (1723.69 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	2 conduit entries for 3/4"-14 NPT 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 Nitrile (Buna-N) or equivalent rubber diaphragm
Material	Cast aluminium enclosure
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 %

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Terminals description ISO n°1	L1-T1 L2-T2
Maximum Width	7.13 in (181.10 mm)
Maximum Height	8.46 in (214.88 mm)
Maximum Depth	5.38 in (136.65 mm)
Factory modification	-

Environment

Standards	UL 508 NSF ANSI 372 CE
Ambient air temperature for operation	-27…495 °F (-33…257 °C)
Ambient air temperature for storage	-27…495 °F (-33…257 °C)
Protective treatment	None
NEMA degree of protection	NEMA 7 UL 698 NEMA 9
IP degree of protection	IP20 IEC 60529
Product certifications	CSA file LR26817 UL listed file E12443

Ordering and shipping details

Category	21536 - 9013 G COMMERCIAL PRESSURE SWITCH
Discount Schedule	CP7G
GTIN	00785901962342
Nbr. of units in pkg.	1
Package weight(Lbs)	19.5 lb(US) (8.85 kg)
Returnability	No
Country of origin	MX

Packing Units

Package 1 Height	29.54 in (75.032 cm)
Package 1 width	11.63 in (29.540 cm)
Package 1 Length	75.03 in (190.582 cm)

Offer Sustainability

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