Product data sheet
Characteristics

9013GSW2J20
pump or compressor switch 9013GS - adjustable diff. - 20-40 psi

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

Price*: 406.00 USD

Main

Commercial Status	Commercialised
Range of product	Square D Pumptrol
Pressure sensor name	9013GS
Pressure sensor size	80 psi (5...50 psi)
Value of setting	20...40 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	Fresh water (-22...257 °F) Air (-22...257 °F)
Adjustable range on rising pressure	20...80 psi
Approximate adjustable differential	20...40 psi
Destruction pressure	100 psi
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, clamping capacity: 5.261 mm² Screw-clamp terminals, clamping capacity: 10 AWG
Fluid connection type	0.25 inch NPSF internal conforming to UL 508
Short circuit protection	20 A by cartridge fuse, type gG
Materials in contact with fluid	Nitrile (Buna-N) or equivalent rubber diaphragm Zinc plated steel or equivalent flange
Material	Cast aluminum enclosure
Operating position	Any position
Motor power kW	3.7 kW (5 hp) at 575 V AC, 3 phases 3.7 kW (5 hp) at 575 V AC, 1 phase 3.7 kW (5 hp) at 460 V AC, 3 phases 3.7 kW (5 hp) at 460 V AC, 1 phase 3.75 kW (5 hp) at 230 V AC, 3 phases 0.75 kW (1 hp) at 230 V DC 0.75 kW (1 hp) at 115 V DC 2.2 kW (3 hp) at 230 V AC, 1 phase 2.2 kW (3 hp) at 115 V AC, 3 phases 1.5 kW (2 hp) at 115 V AC, 1 phase
Electrical durability	100000 cycles at 10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals

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Operating rate	10 cyc/mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Product weight	2.25 lb(US)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L1-T1 L2-T2
Width	7.13 in
Height	8.46 in
Depth	5.38 in
Factory modification	-

Environment

Standards	CE UL 508 NSF ANSI 372
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 4 conforming to 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	00785901158240
Nbr. of units in pkg.	1
Package weight(Lbs)	19.50
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MX

Contractual warranty

Period	18 months