Product data sheet
Characteristics

9013GHG3J30
pump or compressor switch 9013GH - adjustable diff. - 80-100 psi

Main

Range of product	Square D Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	200 Psi (40…170 psi)
Value of setting	80...100 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) Fresh water (-22…257 °F)
Adjustable range on rising pressure	65…200 Psi
Approximate adjustable differential	20…40 Psi
Destruction pressure	300 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 conforming to UL 508
Electrical connection	Screw-clamp terminals, clamping capacity: 10 AWG Screw-clamp terminals, clamping capacity: 5.261 mm²
Fluid connection type	0.375 inch NPSF internal conforming to UL 508
Short-circuit protection	20 A cartridge fuse, type 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

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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.
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Motor power kW	1.5 KW (2 hp) at 115 V AC, 1 phase 2.2 KW (3 hp) at 115 V AC, 3 phases 2.2 KW (3 hp) at 230 V AC, 1 phase 0.75 KW (1 hp) at 115 V DC 0.75 KW (1 hp) at 230 V DC 3.75 KW (5 hp) at 230 V AC, 3 phases 3.7 KW (5 hp) at 460 V AC, 1 phase 3.7 KW (5 hp) at 460 V AC, 3 phases 3.7 KW (5 hp) at 575 V AC, 1 phase 3.7 KW (5 hp) at 575 V AC, 3 phases
Electrical durability	100000 Cycles, operating rate <10 cyc/mn
Mechanical durability	300000 Cycles
Terminal block type	4 terminals
Maximum operating rate	10 Cyc/Mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Net weight	2.25 Lb(US)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	3.44 In
Height	5.4 In
Depth	3.88 In
Factory modification	-

Environment

Standards	UL 508 CE NSF ANSI 372
Ambient air temperature for operation	-33…257 °F
Ambient air temperature for storage	-33…257 °F
Protective treatment	None
NEMA degree of protection	NEMA 1 conforming to UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product certifications	CSA file LR25490 UL listed file E12158

Offer Sustainability

REACh Regulation	REACh Declaration
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

Product Life Status : Commercialised