Product data sheet
Characteristics

9013GHW5J99Z
pump or compressor switch 9013GH - adjustable diff. - factory setting

⚠ End of Commercialisation

Commercial status
End of Commercialisation : DEC 08, 2020

Main

Range of product	Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	1723.69 KPa (206.84…1310.00 kPa)
Value of setting	Specify pressure settings
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 (-0…70 °C) Fresh water (-0…70 °C)
Adjustable range on rising pressure	551.58…1723.69 KPa
Approximate adjustable differential	275.79…413.69 KPa
Destruction pressure	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	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	0.25 inch male pipe thread on pressure connection 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	Cast aluminium: enclosure
Operating position	Any position

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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	1.02 Kg
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	181.10 Mm
Height	214.88 Mm
Depth	136.65 Mm
Factory modification	-

Environment

Standards	UL 508 NSF ANSI 372 CE
Ambient air temperature for operation	-30…70 °C
Ambient air temperature for storage	-30…70 °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[RETURN]CSA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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

Contractual warranty

Warranty	18 months

Product Life Status : End of commercialisation