

# 9013GHG2J63

Pumptrol, pump or compressor switch 9013GH,  
adjustable diff., 145 175 PSI



## Main

Range of product	Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	1378.95 kPa (275.79...1172.11 kPa)
Value of setting	145...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 (-0...70 °C) Fresh water (-0...70 °C)
Adjustable range on rising pressure	448.16...1378.95 kPa
Approximate adjustable differential	137.90...275.79 kPa
Destruction pressure	2068.4 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 mm <sup>2</sup>
Fluid connection type	0.25 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
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	L1-T1 L2-T2
Width	87.38 mm
Height	137.16 mm
Depth	98.55 mm
Factory modification	-

## Environment

Standards	UL 508 NSF ANSI 372 CE
Ambient air temperature for operation	-22...158 °F
Ambient air temperature for storage	-22...158 °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	UL listed[RETURN]CSA

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.9 cm
Package 1 Width	11.4 cm
Package 1 Length	14.5 cm
Package 1 Weight	893.6 g

## Offer Sustainability

Sustainable offer status	Green Premium product
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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