

# Product data sheet

Specifications



## Square D Pumptrol, pump or compressor switch 9013GH, adjustable diff., 90 120 PSI

9013GHG2J31

### Main

Range of product	Square D Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	1378.95 kPa (275.79...1172.11 kPa)
Value of setting	90...120 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 (-30...125 °C) Fresh water (-30...125 °C)
Adjustable range on rising pressure	448.16...1378.95 kPa
Approximate adjustable differential	137.90...275.79 kPa
Destruction pressure	2068.43 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

<b>Material</b>	Polypropylene: cover Noryl thermoplastic resin or equivalent: cover
<b>Operating position</b>	Any position
<b>Motor power kW</b>	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
<b>Electrical durability</b>	100000 cycles, operating rate <10 cyc/mn
<b>Mechanical durability</b>	300000 cycles
<b>Terminal block type</b>	4 terminals
<b>Maximum operating rate</b>	10 cyc/mn
<b>[Ui] rated insulation voltage</b>	575 V conforming to UL 508
<b>Product weight</b>	1.02 kg
<b>Repeat accuracy</b>	+/- 3 %
<b>Terminals description ISO n°1</b>	L1-T1 L2-T2
<b>Width</b>	87.38 mm
<b>Height</b>	137.16 mm
<b>Depth</b>	98.55 mm
<b>Factory modification</b>	-

## Environment

<b>Standards</b>	NSF ANSI 372 CE UL 508
<b>Ambient air temperature for operation</b>	-36...125 °C
<b>Ambient air temperature for storage</b>	-36...125 °C
<b>Protective treatment</b>	None
<b>NEMA degree of protection</b>	NEMA 1 conforming to UL 50
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Product certifications</b>	UL listed file E12158 CSA file LR25490

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	25.806 cm
<b>Package 1 Width</b>	10.16 cm
<b>Package 1 Length</b>	65.548 cm
<b>Package 1 Weight</b>	920.793 g
<b>Unit Type of Package 2</b>	PAL
<b>Number of Units in Package 2</b>	648
<b>Package 2 Height</b>	101.6 cm
<b>Package 2 Width</b>	101.6 cm

Package 2 Length	121.92 cm
Package 2 Weight	597.464 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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>

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)