

## 9013GHG2J28

pump or compressor switch 9013GH - adjustable diff.  
- 70-100 psi



### Main

Range of product	Square D Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	200 psi (40...170 psi)
Value of setting	70...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 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 by 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 at 10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals
Operating rate	10 cyc/mn
[U <sub>i</sub> ] 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

The information provided in this documentation contains general descriptions and/or technical characteristics 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Width	3.44 in
Height	5.4 in
Depth	3.88 in
Factory modification	-

## Environment

Standards	CE UL 508 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	UL listed file E12158 CSA file LR25490

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 3Q2014 Will be Compliant on 3Q2014
REACH	Reference contains SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

## Contractual warranty

Period	18 months
--------	-----------