

Product data sheet

Specifications



Pumptrol, pump or compressor switch 9013GS, adjustable diff., 30 50 PSI

9013GSG2J21X

Main

Range Of Product	Pumptrol
Pressure Sensor Name	9013GS
Pressure Sensor Size	551.58 kPa (34.47...413.69 kPa)
Value Of Setting	30...50 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	137.90...551.58 kPa
Approximate Adjustable Differential	103.42...206.84 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 ²
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
[U] 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	106.43 mm
Height	137.16 mm
Depth	98.55 mm
Factory Modification	2-way pressure release valve

Environment

Standards	UL 508 CE NSF ANSI 372
Ambient Air Temperature For Operation	-30...70 °C
Ambient Air Temperature For Storage	-30...70 °C
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 UL listed

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.4 cm
Package 1 Width	10.9 cm
Package 1 Length	15.5 cm
Package 1 Weight	929.9 g

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

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 Diisodecyl 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