

Product data sheet

Characteristics

9013GSR2J21

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



Main

Range of Product	Square D Pumptrol
Pressure sensor name	9013GS
Pressure sensor size	80 psi (551.58 kPa) 5...50 psi (34.47...344.74 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 -22...257 °F (-30...125 °C) Fresh water -22...257 °F (-30...125 °C)
Adjustable range on rising pressure	20...80 psi (137.90...551.58 kPa)
Approximate adjustable differential	20...40 psi (137.90...275.79 kPa)
Destruction pressure	100 psi (689.48 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	2 conduit entries for 3/4"-14 NPT UL 508
Electrical connection	Screw-clamp terminals 10 AWG Screw-clamp terminals 5.261 mm ²
Fluid connection type	0.25 inch NPSF internal UL 508
Short-circuit protection	20 A cartridge fuse 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
Motor power kW	1.5 KW 2 hp)115 V AC, 1 phase 2.2 KW 3 hp)115 V AC, 3 phase 2.2 KW 3 hp)230 V AC, 1 phase 0.75 KW 1 hp)115 V DC 0.75 KW 1 hp)230 V DC 3.75 KW 5 hp)230 V AC, 3 phase 3.7 KW 5 hp)460 V AC, 1 phase 3.7 KW 5 hp)460 V AC, 3 phase 3.7 KW 5 hp)575 V AC, 1 phase 3.7 kW 5 hp)575 V AC, 3 phase
Electrical durability	100000 cycles 10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals
Maximum operating rate	10 cyc/mn
[Ui] rated insulation voltage	575 V UL 508
Net Weight	2.25 lb(US) (1.02 kg)

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. 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.

Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	7.13 in (181.10 mm)
Height	8.46 in (214.88 mm)
Depth	5.38 in (136.65 mm)
Factory modification	-

Environment

Standards	UL 508 CE NSF ANSI 372
Ambient Air Temperature for Operation	-27...495 °F (-33...257 °C)
Ambient Air Temperature for Storage	-27...495 °F (-33...257 °C)
Protective treatment	None
NEMA degree of protection	NEMA 7 UL 698 NEMA 9
IP degree of protection	IP20 conforming to IEC 60529
Product Certifications	UL listed file E12443 CSA file LR26817

Ordering and shipping details

Category	21536-9013 G COMMERCIAL PRESSURE SWITCH
Discount Schedule	CP7G
GTIN	785901716129
Nbr. of units in pkg.	1
Package weight(Lbs)	8.94 lb(US) (4.055 kg)
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	29.54 in (75.032 cm)
Package 1 width	11.63 in (29.54 cm)
Package 1 Length	75.03 in (190.582 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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
REACH Regulation	<input checked="" type="checkbox"/> REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile
Circularity Profile	<input checked="" type="checkbox"/> End Of Life Information

Contractual warranty

Warranty	18 months
----------	-----------