

# Product data sheet

Specifications



## Square D Pumptrol, pump or compressor switch 9013GS, adjustable diff., 40 60 PSI

9013GSG2J24

### Main

Range of product	Square D Pumptrol
Pressure sensor name	9013GS
Pressure sensor size	80 psi (551.58 kPa) 5...60 psi (34.47...413.69 kPa)
Value of setting	40...60 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	15...30 psi (103.42...206.84 kPa)
Destruction pressure	300 psi (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 UL 508
Electrical connection	Screw-clamp terminals 10 AWG Screw-clamp terminals 5.261 mm <sup>2</sup>
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

<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)115 V AC, 1 phase 2.2 kW 3 hp)115 V AC, 3 phases 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 phases 3.7 kW 5 hp)460 V AC, 1 phase 3.7 kW 5 hp)460 V AC, 3 phases 3.7 kW 5 hp)575 V AC, 1 phase 3.7 kW 5 hp)575 V AC, 3 phases
<b>Electrical durability</b>	100000 cycles 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 UL 508
<b>Net weight</b>	2.25 lb(US) (1.02 kg)
<b>Repeat accuracy</b>	+/- 3 %
<b>Terminals description ISO n°1</b>	L1-T1 L2-T2
<b>Width</b>	3.44 in (87.38 mm)
<b>Height</b>	5.4 in (137.16 mm)
<b>Depth</b>	3.88 in (98.55 mm)
<b>Factory modification</b>	-

## Environment

<b>Standards</b>	NSF ANSI 372 CE UL 508
<b>Ambient air temperature for operation</b>	-33...257 °F (-36...125 °C)
<b>Ambient air temperature for storage</b>	-33...257 °F (-36...125 °C)
<b>Protective treatment</b>	None
<b>NEMA degree of protection</b>	NEMA 1 UL 50
<b>IP degree of protection</b>	IP20 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>	4.40 in (11.176 cm)
<b>Package 1 Width</b>	5.70 in (14.478 cm)
<b>Package 1 Length</b>	4.00 in (10.16 cm)
<b>Package 1 Weight</b>	31.22 oz (885.0 g)
<b>Unit Type of Package 2</b>	PAL
<b>Number of Units in Package 2</b>	156
<b>Package 2 Height</b>	40.00 in (101.6 cm)
<b>Package 2 Width</b>	40.00 in (101.6 cm)

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<b>Package 2 Length</b>	48.00 in (121.92 cm)
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<b>Package 2 Weight</b>	306.00 lb(US) (138.799 kg)
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## Offer Sustainability

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

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<b>Warranty</b>	18 months
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## Recommended replacement(s)