

# Product data sheet

Specifications



## Square D Pumptrol, water pump switch 9013FS, adjustable diff., 5 21 PSI

9013FSG2J15

! Discontinued on: 20 April 2022

! Discontinued

### Main

Range of product	Square D Pumptrol
Pressure sensor name	9013FS
Pressure sensor size	448.16 kPa (34.47...310.26 kPa)
Value of setting	5...21 psi
Electrical circuit type	Power circuit
Product specific application	Control electrically driven water pumps
Quantity per set	1
Type of packing	Individual

### Complementary

Pressure sensor type	Electromechanical pressure switch
Controlled fluid	Fresh water (-30...125 °C)
Adjustable range on rising pressure	137.90...448.16 kPa
Approximate adjustable differential	103.42...206.84 kPa
Destruction pressure	1516.85 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 22.35 mm cable entries with 0.84 in across flats 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 230 V AC, 1 phase 1.1 kW (1.5 hp) at 115 V AC, 1 phase 1.5 kW (2 hp) at 115 V AC, 3 phases 2.2 kW (3 hp) at 230 V AC, 3 phases 0.75 kW (1 hp) at 460 V AC, 3 phases 0.75 kW (1 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>	0.45 kg
<b>Repeat accuracy</b>	+/- 3 %
<b>Terminals description ISO n°1</b>	L2-T2 L1-T1
<b>Width</b>	70.61 mm
<b>Height</b>	71.12 mm
<b>Depth</b>	95.50 mm
<b>Factory modification</b>	-

## Environment

<b>Standards</b>	CE NSF ANSI 61 Annex G 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>	453.592 g

## Offer Sustainability

<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>


<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>California proposition 65</b>	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

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

9013FSG2J15 is replaced by the following product range:



**NEMA Industrial Pressure Switches**

Pressure switches Nema Square D™ 9012, 9013, 9036, 9037, 9038

Products: 594