

# Product data sheet

Specifications

SQUARE D



## water pump switch 9013FS - adjustable diff. - 20-40 psi

9013FSW29J20

! Discontinued on: 23 January 2021

! End-of-service on: 24 January 2021

! Discontinued

**Product availability : Non-Stock - Not normally stocked in distribution facility**

**Price\* : 31.00 USD**

### Main

Range of Product	Square D Pumptrol
Pressure sensor name	9013FS
Pressure sensor size	65 psi (448.16 kPa) 5...45 psi (34.47...310.26 kPa)
Value of setting	20...40 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 -22...257 °F (-30...125 °C)
Adjustable range on rising pressure	20...65 psi (137.90...448.16 kPa)
Approximate adjustable differential	15...30 psi (103.42...206.84 kPa)
Destruction pressure	220 psi (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 0.88 in (22.35 mm) cable entries with 0.84 in across flats UL 508
Electrical connection	Screw-clamp terminals 10 AWG Screw-clamp terminals 5.261 mm <sup>2</sup>
Fluid connection type	0.25 inch NPT external UL 508
Short-circuit protection	20 A cartridge fuse gG

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Materials in contact with fluid</b>	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>	Vertical position
<b>Motor power kW</b>	1.5 kW 2 hp)230 V AC, 1 phase 1.1 kW 1.5 hp)115 V AC, 1 phase 1.5 kW 2 hp)115 V AC, 3 phase 2.2 kW 3 hp)230 V AC, 3 phase 0.75 kW 1 hp)460 V AC, 3 phase 0.75 kW 1 hp)575 V AC, 3 phase
<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>	1 lb(US) (0.45 kg)
<b>Repeat accuracy</b>	+/- 3 %
<b>Terminals description ISO n°1</b>	L2-T2 L1-T1
<b>Width</b>	2.78 in (70.61 mm)
<b>Height</b>	2.8 in (71.12 mm)
<b>Depth</b>	3.76 in (95.50 mm)
<b>Factory modification</b>	-

## Environment

<b>Standards</b>	NSF ANSI 61 Annex G 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 3R UL 50
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Product certifications</b>	UL listed file E12158 CSA file LR25490

## Ordering and shipping details

<b>Category</b>	21534 - 9013 FSG,FYG (INDIVIDUAL - CP7I)
<b>Discount Schedule</b>	CP7I
<b>GTIN</b>	785901397038
<b>Nbr. of units in pkg.</b>	1
<b>Package weight(Lbs)</b>	16.00 oz (453.592 g)
<b>Returnability</b>	No
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Package 1 Height</b>	10.16 in (25.806 cm)

Package 1 width	4.00 in (10.16 cm)
Package 1 Length	25.81 in (65.548 cm)

## Offer Sustainability

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 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>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)

9013FSW29J20 is replaced by the following product range:



**Pressure Switches - Square D™ NEMA,**  
A comprehensive range of Pressure switches, Vacuum switches and Float switches, compliant with US and international standards

Products: 903