

Pumptrol, water pump switch 9013FR, adjust diff., 10 5 PSI, reverse action



**Main**

Range of product	Pumptrol
Pressure sensor name	9013FR
Pressure sensor size	310.26 kPa (68.95...310.26 kPa)
Value of setting	10...5 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 (-0...70 °C)
Adjustable range on rising pressure	27.58...172.37 kPa
Approximate adjustable differential	41.37...137.90 kPa
Destruction pressure	1516.8 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 NO, snap action, DPST-DB, Form XX
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
Material	Polypropylene: cover Noryl thermoplastic resin or equivalent: cover
Operating position	Any position
Motor power kW	0.75 KW (1 hp) at 115 V AC, 1 phase 0.75 KW (1 hp) at 230 V AC, 1 phase 0.75 KW (1 hp) at 115 V AC, 3 phases 0.75 KW (1 hp) at 230 V AC, 3 phases 0.18 KW (0.25 hp) at 32 V DC 0.18 KW (0.25 hp) at 115 V DC 0.18 kW (0.25 hp) at 230 V DC
Electrical durability	100000 cycles, operating rate <10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals
Maximum operating rate	10 cyc/mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Net weight	0.5 kg
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	70.61 mm

Height	94.23 mm
Depth	95.50 mm
Factory modification	-

## Environment

Standards	NSF ANSI 61 Annex G CE UL 508
Ambient air temperature for operation	-22...158 °F
Ambient air temperature for storage	-22...158 °F
Protective treatment	None
NEMA degree of protection	NEMA 1 conforming to UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product certifications	UL listed[RETURN]CSA

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25.806 cm
Package 1 Width	10.16 cm
Package 1 Length	65.548 cm
Package 1 Weight	362.874 g
Unit Type of Package 2	CAR
Number of Units in Package 2	20
Package 2 Height	22.352 cm
Package 2 Width	20.574 cm
Package 2 Length	36.83 cm
Package 2 Weight	7.611 kg

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

## Contractual warranty

Warranty	18 months
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