

9013FRG2J70

water pump switch 9013FR - adjust diff. - 35-20 psi - reverse action



Main

Range of product	Square D Pumptrol
Pressure sensor name	9013FR
Pressure sensor size	65 psi (23...65 psi)
Value of setting	35...20 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)
Adjustable range on rising pressure	8...45 psi
Approximate adjustable differential	15...30 psi
Destruction pressure	220 psi
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 0.88 in cable entries with 0.84 in across flats UL 508
Electrical connection	Screw-clamp terminals, clamping capacity: 10 AWG Screw-clamp terminals, clamping capacity: 5.261 mm ²
Fluid connection type	0.25 inch NPSF internal conforming to UL 508
Short circuit protection	20 A by 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 at 10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals
Operating rate	10 cyc/mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Product weight	1.15 lb(US)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L1-T1 L2-T2
CAD overall width	2.78 in
CAD overall height	2.8 in
CAD overall depth	3.76 in

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

Factory modification

-

Environment

Standards

CE
UL 508
NSF ANSI 61 Annex G

Ambient air temperature for operation

-33...257 °F

Ambient air temperature for storage

-33...257 °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 file E12158
CSA file LR25490

Offer Sustainability

Sustainable offer status

Not Green Premium product

RoHS

Will be Compliant on 3Q2014
Will be Compliant on 3Q2014

Product environmental profile

Available

Product end of life instructions

Available
