



## Main

Range of product	Square D Pumtrol
Pressure sensor name	9013FR
Pressure sensor size	65 psi (448.16 kPa) 23...65 psi (158.58...448.16 kPa)
Value of setting	Specify pressure settings
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	8...45 psi (55.16...310.26 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 NO, snap action, DPST-DB, Form XX
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 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
Material	Polypropylene Cover Noryl thermoplastic resin or equivalent Cover
Operating position	Any position
Motor power kW	0.75 KW 1 hp)115 V AC, 1 phase 0.75 KW 1 hp)230 V AC, 1 phase 0.75 KW 1 hp)115 V AC, 3 phase 0.75 KW 1 hp)230 V AC, 3 phase 0.18 KW 0.25 hp)32 V DC 0.18 KW 0.25 hp)115 V DC 0.18 kW 0.25 hp)230 V DC
Electrical durability	100000 cycles 10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals
Maximum operating rate	10 cyc/mn
[Ui] rated insulation voltage	575 V UL 508
Net weight	1 lb(US) (0.45 kg)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	3.1 in (78.74 mm)

Height	2.8 in (71.12 mm)
Depth	3.76 in (95.50 mm)
Factory modification	Momentary manual cut-in lever (AUTO-START)

## Environment

Standards	UL 508 CE NSF ANSI 61 Annex G
Ambient air temperature for operation	-33...257 °F (-36...125 °C)
Ambient air temperature for storage	-33...257 °F (-36...125 °C)
Protective treatment	None
NEMA degree of protection	NEMA 1 UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product certifications	UL listed file E12158 CSA file LR25490

## Ordering and shipping details

Category	21534 - 9013 FSG,FYG (INDIVIDUAL - CP7I)
Discount Schedule	CP7I
GTIN	00785901176527
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	MX

## 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	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
----------	-----------