

## Product data sheet

### Characteristics



#### Main

Range of product	Square D Pumptrol
Pressure sensor name	9013GH
Pressure sensor size	1723,69 kPa (250 psi) 220,63...1482,37 kPa (32...215 psi))
Value of setting	145...175 psi
Electrical circuit type	Power circuit
Product specific application	Control electrically driven water pumps and air compressors
Quantity per set	
Type of packing	Individual

#### Complementary

Pressure sensor type	Electromechanical pressure switch
Controlled fluid	Air -30...125 °C (-22...257 °F) Fresh water -30...125 °C (-22...257 °F))
Adjustable range on rising pressure	80...250 psi (551,58...1723,69 kPa)
Approximate adjustable differential	24...45 psi (165,47...310,26 kPa)
Destruction pressure	300 psi (2068,43 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	3 knock-outs for 1/2" conduit UL 508
Electrical connection	Screw-clamp terminals 10 AWG Screw-clamp terminals 5,261 mm²
Fluid connection type	0,375 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	1.5 kW 2 hp)115 V AC, 1 phase 2.2 kW 3 hp)115 V AC, 3 phase 2.2 kW 3 hp)230 V AC, 1 phase 0.75 kW 1 hp)115 V DC 0.75 kW 1 hp)230 V DC 3.75 kW 5 hp)230 V AC, 3 phase 3.7 kW 5 hp)460 V AC, 1 phase 3.7 kW 5 hp)460 V AC, 3 phase 3.7 kW 5 hp)575 V AC, 1 phase 3.7 kW 5 hp)575 V AC, 3 phase
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	2.25 lb(US) (1.02 kg)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L2-T2 L1-T1
Width	4.19 in (106.43 mm)
Height	5.4 in (137.16 mm)
Depth	3.88 in (98.55 mm)
Factory modification	2-way pressure release valve

## Environment

Standards	UL 508 NSF ANSI 372 CE
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 IEC 60529
Product certifications	UL listed file E12 158 CSA file LR25490

## Ordering and shipping details

Category	21536 - 9013 G COMMERCIAL PRESSURE SWITCH
Discount Schedule	CP7G
GTIN	00785901053583
Returnability	Yes
Country of origin	MX

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</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>