



WHERE THERE IS WATER
THERE IS A PUMP
WHERE THERE IS A PUMP
THERE IS A SWITCH

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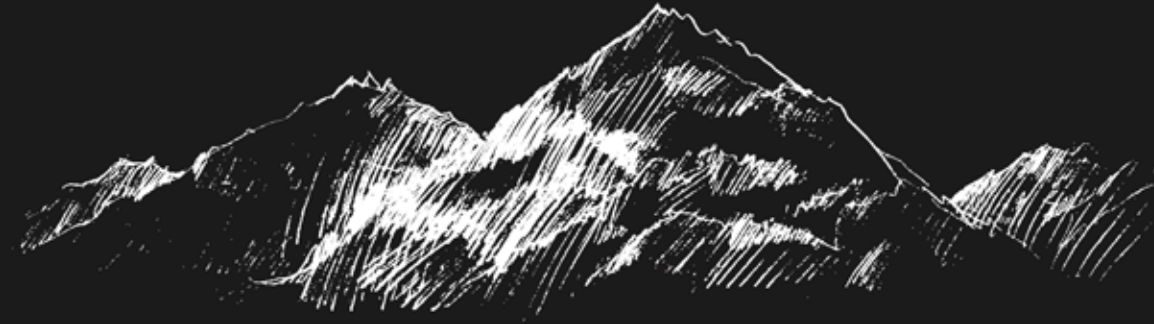


MONRO MACHINERY STRIVES FOR PERFECTION CASTING QUALITY

Smart changes life



CATALOGUE



QUALITY IS THE LIFE OF AN ENTERPRIS
AND THE QUALITY OF PRODUCT MUST

BE DEFENDED LIKE DEFENDING LIFE.

Lin Xi





COMPANY PROFILE

美罗位于浙江省温岭市，一个交通便利的工业发展城市。美罗拥有十多年的压力控制器和浮动开关生产历史，目前拥有 30 多个用于水泵系统和空气压缩机的各种压力控制器类型。我们致力于专业压力控制器的开发、生产和销售，并建立了完整高效的 ISO9001; 2008 质量管理体系。同时，我们的产品获得了德国 TUV、欧洲 CE 认证，部分产品通过了 CUL 认证。

我们始终遵循质量为本的原则。在过去的几年里，我们建立了先进的生产检验体系。公司拥有专业的技术人员和管理人员，建立了科学高效的质量管理体系，并配备了现代化的办公设施和拥有优秀的管理团队。我们始终致力于品牌战略的实施，致力于产品质量的保证。

我们的产品以其优良的品质和优惠的价格赢得了国内的高度评价，并广泛出口到亚洲、欧洲、北美和南美、中东和非洲市场。作为一家集开发、生产、销售于一体的家族企业，我们致力于为您提供最优质的服务和最满意的品质。我们已做好准备，期待与世界各地的客户建立业务关系。

MONRO is located in Wenling, Zhejiang province, which is a industrially development city with convenient transportation. And we have more than 10 years of production history for pressure controls and float switches. At present, our factory has more than 30 various types of pressure control which used for water pump system and air compressors. We are committed to professional pressure control development, production and sales. Our company has established a scientific and efficient quality control system of ISO 9001; 2008. Meanwhile, our products successfully passed TUV(Germany), CE(Europe), some of which have obtained CUL(UL) certificates.

We always follow the principle that quality is the point. In the past years, we have established an advanced production test system. With professional technicians and managers, our company has established a scientific and efficient quality control system. Our company is equipped with modern office facilities and outstanding management team. We are always committed to the implementation of brand strategy and provide product quality assurance.

Our products have won high praise in the Chinese market for their excellent quality and favorable price. And have been widely exported to Asia, Europe, North and South America, Middle East and Africa market. As a development, production and sales of family firms, we aim to provide you the best service and the highest quality. We have got everything ready, looking forward to setting up business relationships with customers all over the world.



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Company history: more than 20 years of production experience.
 Company size: covers an area of more than 30,000 square meters, has more than 200 employees.
 Production technology: own professional technical engineer team.
 Company management: scientific company management system, with a strict quality control system.



PCB WORKSHOP



SHOW ROOM

HISTORY

OF ENTERPRISE DEVELOPMENT



IN 2005 THE OLD FACTORY INTRODUCTION

Same as most old factories in china, manual operation depends on labor, efficiency can't be guaranteed.



IN 2018 THE NEW FACTORY INTRODUCTION

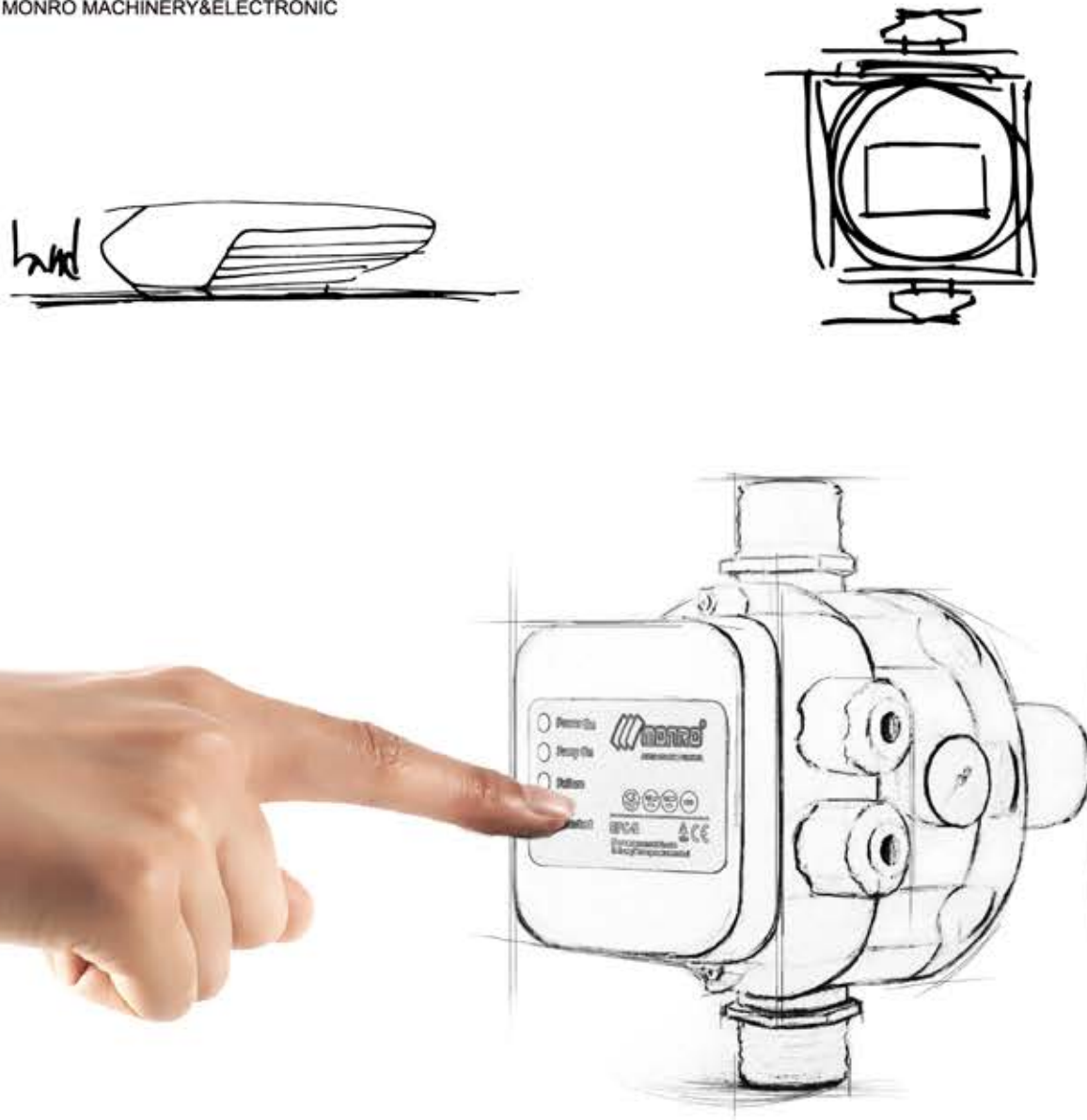
Learn and practice the 6S management system, full automatic equipment operation, precision instrument 100% inspection.



HAVE THE TECHNOLOGY TO UNDERSTAND WHAT YOU WANT

In order to meet all customers superior experience in time, we provide customers with a variety of service options: headquarters dedicated line 7 x 24-hour response service, product features video operation, real-time video solutions. In order to improve the quality and efficiency of the excellent public service, we have set up cooperation service outlets and service centers directly under the cities and counties in the country, and also set up an application team of experts to provide solutions to the problems in complex applications the solution. Not only that, we also offer tailor-made pump control solutions and extended services to meet different customers' needs.

美罗智造+
MONRO MACHINERY&ELECTRONIC



INNOVATIVE RESEARCH



PROFESSIONAL RESEARCH TEAM TECHNOLOGICAL INNOVATION



01

IPC SERIES

INVERTER PUMP CONTROL

IPC-01

01/02

02

EPC SERIES

AUTOMATIC PUMP CONTROL

Innovation

03/04

Range of application

05/06

Basic vs. Smart

07/08

EPC model selection

09/28

03

FPS & STSW SERIES

FLOAT SWITCH

FPS & STSW

29/36

04

KRS SERIES

PRESSURE SWITCH

37/46

05

KRQ SERIES

AIR COMPRESSOR SWITCH

KRQ model selection

47/48

06

PARTS

PUMP ACCESSORIES

49/50

monro

QUALITY FOR LIFE

NEW 新智能 新时尚 **IPC-01**

Monro IPC (Inverter Pump Control) series, is also called VFD (Variable Frequency Drive) pump control, it works to control how a pump is used. The variable frequency drive ensures it supplies a CONSTANT PRESSURE - within the ability of the pump - according to the flow rate. The inverter pump control can be treated as the pump "protector", which increases the lifespan of a pump. Firstly, its soft starting comes to reduce wear and tear on the pump. Secondly, variable frequency drive can save energy due to the reduced use of the pump, resulting in less money spent on electricity. Thirdly, its multi-protection functions promise a good performance of a control. So choose an inverter pump control is vitally important.



ADVANTAGES:

-- Multi-mode inverter drives

Functions "Pressure" and "Time" for free switch, according to actual application;

IGBT invert technology for circuit design, inverter drives enables the pump to rotate at varying speeds according to the frequency of the output.

-- Soft starting

The pump starts gently and accelerate steadily, and vary the speed to meet the demand by maintaining a constant pressure. There is reduced wear and tear on the motor to increase the motor's lifespan.

-- Constant outlet pressure

The constant pressure means the pipe-work is not subject to varying stresses, and the reduced pump speed saves power and wear on the pumps. It brings a more pleasant experience by having the water flow consistently from a tap or shower.

-- Sensor failure

-- Main protection functions:

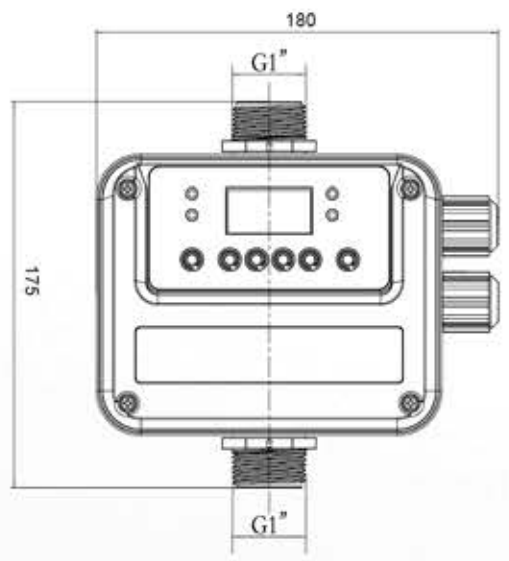
- Closed delivery working of pressure
- Dry working
- Over-current
- Over-voltage
- Over-pressure

BENEFITS:

- Max. 35% energy savings
- Improved control
- Reduced wear and less maintenance
- Reduced stress on pipe-work, valves and associated system
- Better pump protection

IPC-01

额定电压	Rated Voltage	110V	220V
频率	Frequency	60Hz	50Hz
最大功率	Max. Power	0.55kW (110V)	1.1kW (220V)
恒压设置	Constant Pressure Setting	0.5-9.5 bar	0.5-9.5 bar
时间设置	Setting time	0.1-1H, 1-24H	0.1-1H, 1-24H
最大工作压力	Max Working Pressure	10bar	10bar
最小流量	Min Flow	1 L/min	1 L/min
进水/出水螺纹	Inlet / Outlet screw	G1"	G1"
防护等级	Protection Rating	IP54	IP54
最高工作温度	Max Working Temperature	55 °C	55 °C





HIGHLIGHT FEATURES

- 1.Simple installation, easy to operate
- 2.Save the cost of water system installation
- 3.Protect the pump, longer its life



PRODUCT APPLICATION

Widely used in a variety of self-priming pumps, jet pumps, centrifugal pumps, garden pumps and other water supply system: Ordinary wells and tube wells, household water booster, high buildings water booster, irrigation system.



HOW TO CHOOSE AN AUTOMATIC PUMP CONTROLLER?

- 1) To match the motor power of water pump
- 2) Suitable starting pressure according to pump lift & Max. water use height

For example, if starting pressure 1.2bar, Max. Water use height is $1.2 * 10m = 12meters$, pump lift is $(1.2+0.8) * 10m = 20meters$ at least.

NO.	starting pressure	waterpump lift	max.water use height
1	1.2bar	> 20m	< 12m
2	1.5bar	> 23m	< 15m
3	2.2bar	> 30m	< 22m



SMART
CHANGES LIFE

INNOVATION TO OPTIMIZE

Monro EPC (Electric Pump Controller) series, is a whole electronic intelligent water pump control device. It adopts dual-control of flow and pressure, starts and stops of the pump according to the detected data of water source state, pipeline water consumption and pipeline pressure change. It can completely replace the traditional system composed of pressure tank, pressure switch, water shortage protection device, check valve, four-way, etc. And it is much safer than traditional system due to its complete isolation of electronic from pipe and highly hermetic control box. The integrated design saves time and money when installing.

Starting Pressure

Setting>3.0bar

28-30m

Starting Pressure

Setting>2.2bar

20-22m

Starting Pressure

Setting>1.5bar

13-15m

Starting Pressure

Setting>1.2bar

9-11m

4-6m

I 耐温 TEMPERATURE RESISTANCE

II 节能 ENERGY CONSERVATION

III 安全 SECURITY

BASIC VS. SMART

NO.	FUNCTION	SMART PROGRAM	REGULAR PROGRAM
		INDICATOR STATUS	INDICATOR STATUS
1	Forced start	 Green :on Yellow: on	 Green :on Yellow: on
2	Start-up	 Green :on Yellow: on	 Green :on Yellow: on
3	Stop with pressure keeping	 Green :on	 Green :on
4	Impeller antiseize protection	 Green :on	
5	Dry-running protection	 Green:on Red:on	 Green:on Red:on
6	Regular auto-restart under water shortage	 Green:on Red: twinkles twice and pauses for 2s(repeat in cycle)	 Green:on Red: twinkles twice and pauses for 2s(repeat in cycle)
7	Pipeline leakage alarm	 Green:on Red: twinkles twice and pauses for 2s(repeat in cycle)	
8	Flow valve antiseize alarm	 Green:on Red: twinkles twice and pauses for 2s(repeat in cycle)	

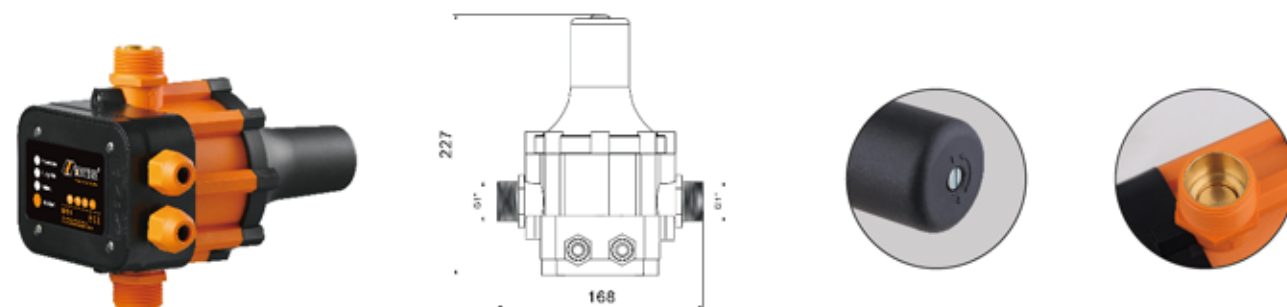
 Power On
  Pump On
  Failure

The indicators are red, yellow and green. The green light stands for power, the yellow light stands for pump running, the red light stands for failure. Of the three, only red light is programmed control.

Smart program for option: EPC-1,EPC-2,EPC-4,EPC-5,EPC-14
 Model + "A" means smart program in products,like EPC-1A

Smart program owner:
 EPC-7,EPC-9,EPC-10,EPC-11A,EPC-12,EPC-12P,EPC-13,EPC-15,EPC-16,EPC-17

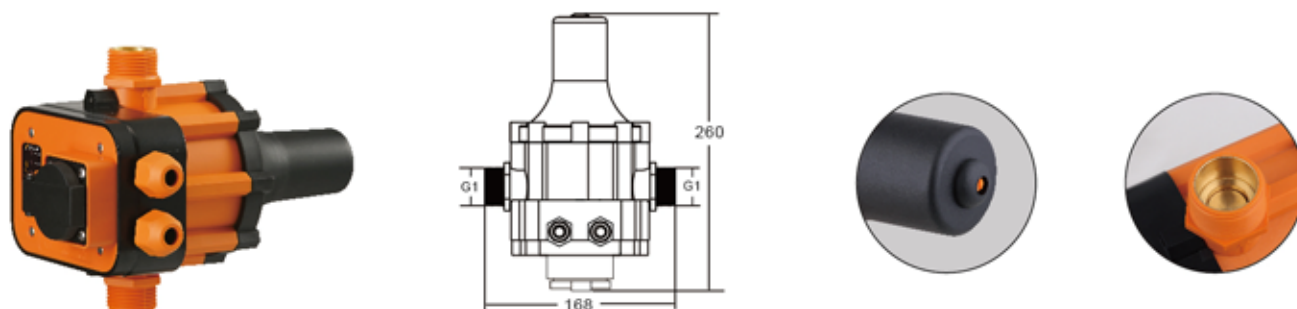
EPC-1



EPC-1

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW/1.5kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1", G1 1/4", G1 1/2", NPT1"	G1", G1 1/4", G1 1/2", NPT1"	G1", G1 1/4", G1 1/2", NPT1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55℃	55℃	55℃

EPC-1.1



EPC-1.1

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1", G1 1/4", G1 1/2", NPT1"	G1", G1 1/4", G1 1/2", NPT1"	G1", G1 1/4", G1 1/2", NPT1"
防护等级	Protection Rating	IP44	IP44	IP44
最高工作温度	Max Working Temperature	55℃	55℃	55℃

EPC-2



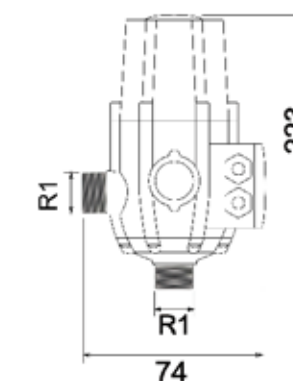
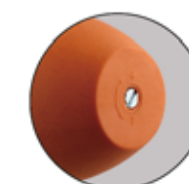
(a)



(b)



(c)



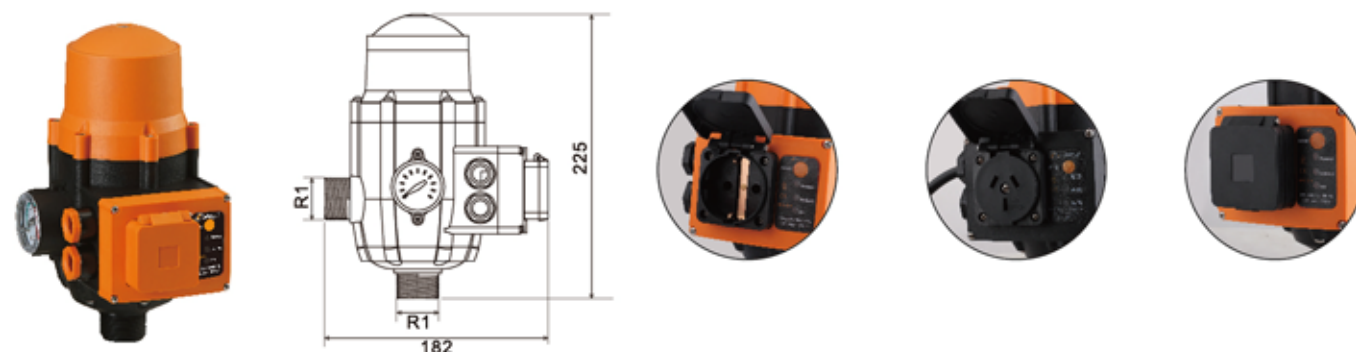
OPTIONALS:

- Starting pressure is adjustable during installation, adjustment range: 1.2bar-3.0bar.
- Color: as customer require.
- Power cable length can choose according to customers' needs.
- Three types appearances for EPC-2
- (a) type: no adjustment
- (b) & (c) types: adjustable 1.2 - 3.0bar

EPC-2

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	R1"	R1"	R1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55℃	55℃	55℃

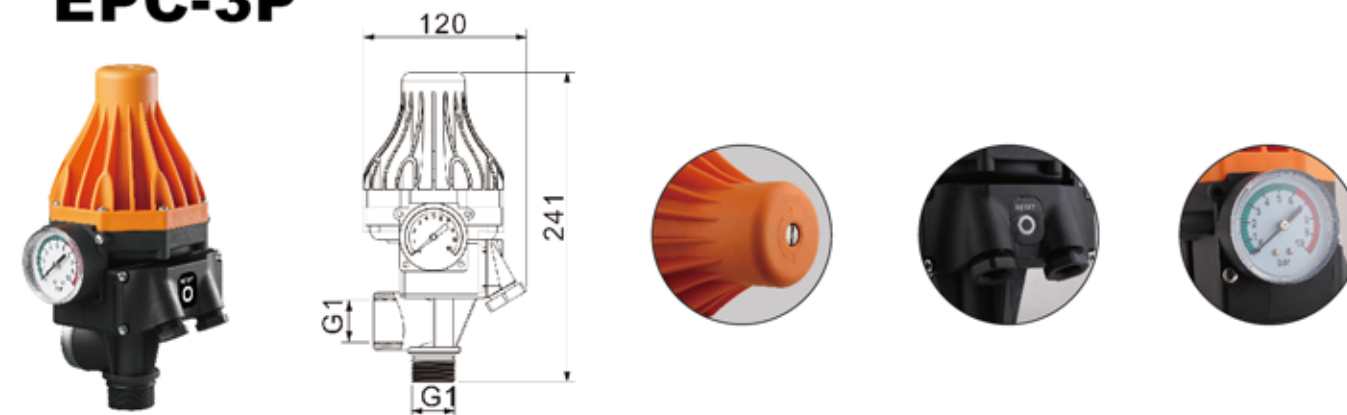
EPC-2.1



EPC-2.1

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	R1"	R1"	R1"
防护等级	Protection Rating	IP44	IP44	IP44
最高工作温度	Max Working Temperature	55℃	55℃	55℃

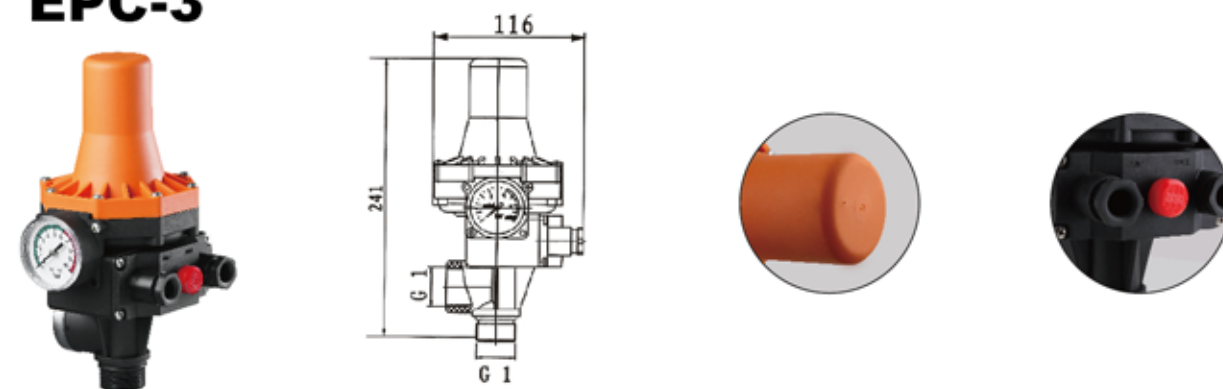
EPC-3P



EPC-3P

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW/1.5kW	0.55kW/0.75kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55℃	55℃	55℃

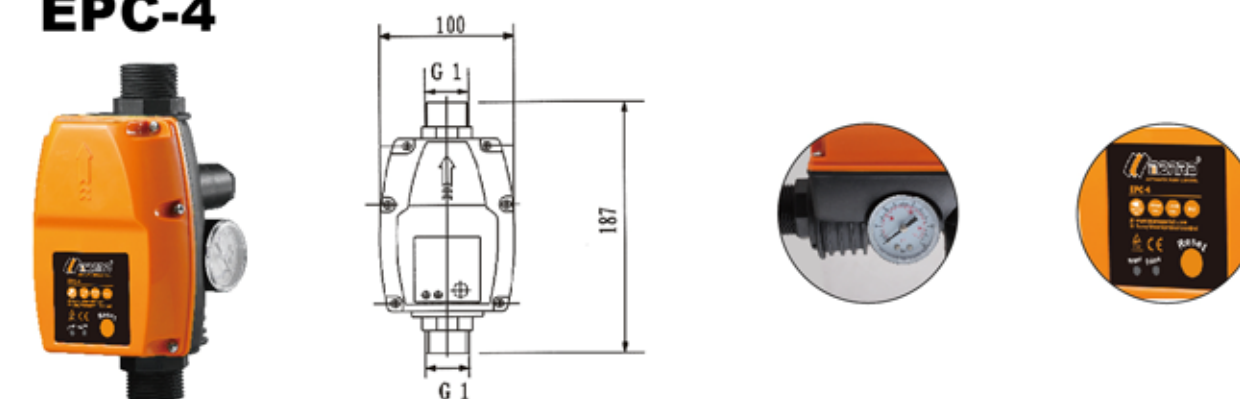
EPC-3



EPC-3

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW/1.5kW	0.55kW/0.75kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55℃	55℃	55℃

EPC-4



EPC-4

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55℃	55℃	55℃

EPC-5



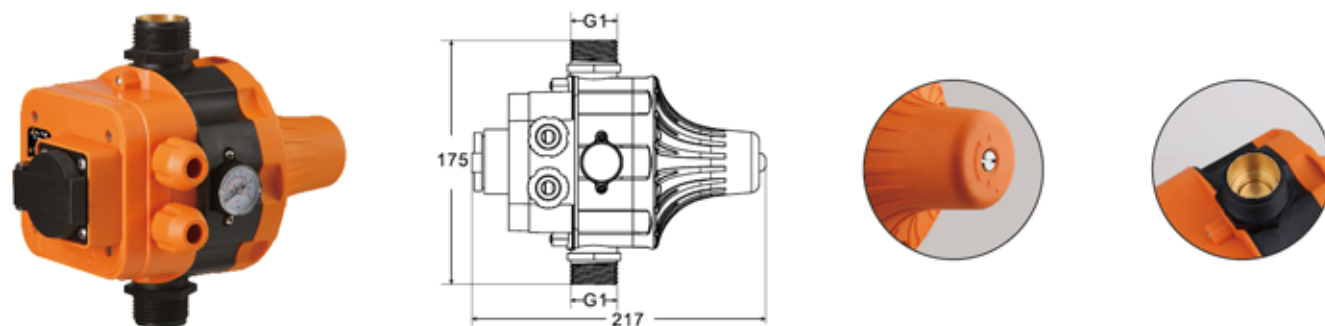
OPTIONALS:

- Starting pressure is adjustable during installation, adjustment range:1.2bar-2.5bar.
- Color: as customers' requirements.
- G1" plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.

EPC-5

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar,1.5bar,2.2bar	1.2bar,1.5bar,2.2bar	1.2bar,1.5bar,2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55℃	55℃	55℃

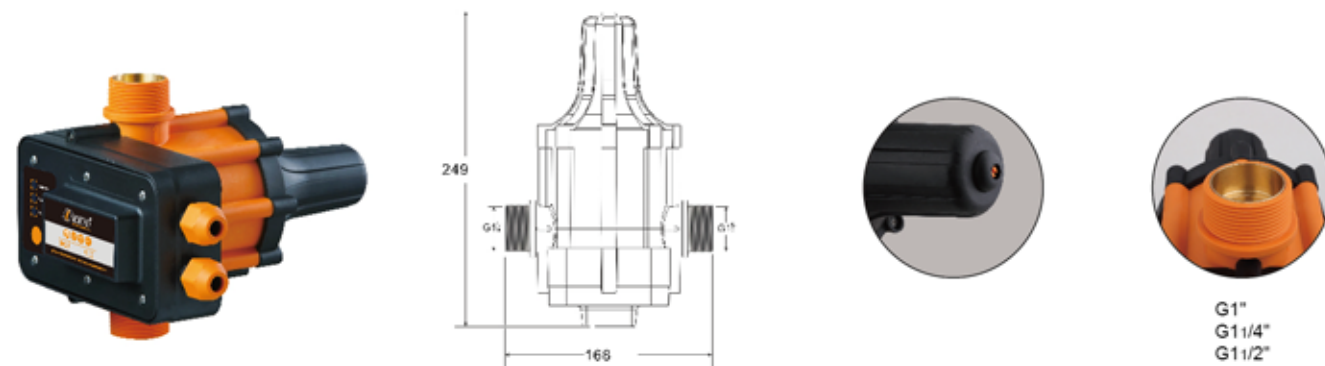
EPC-5.1



EPC-5.1

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP44	IP44	IP44
最高工作温度	Max Working Temperature	55 °C	55 °C	55 °C

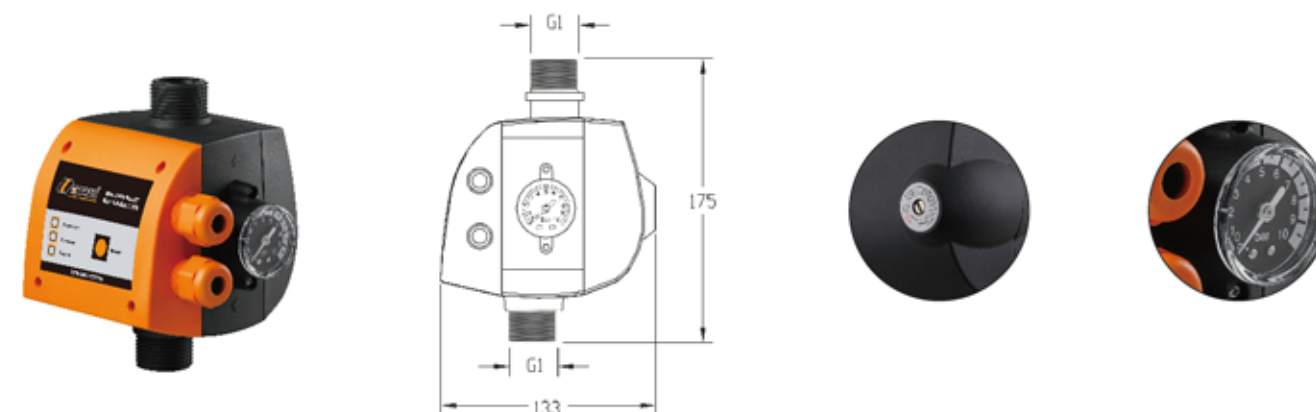
EPC-7



EPC-7

额定电压	Rated Voltage	220-240V	110-120V	380V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	2.2kW	1.1kW	4.0kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1", G1 1/4", G1 1/2"	G1", G1 1/4", G1 1/2"	G1 1/2"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55 °C	55 °C	55 °C

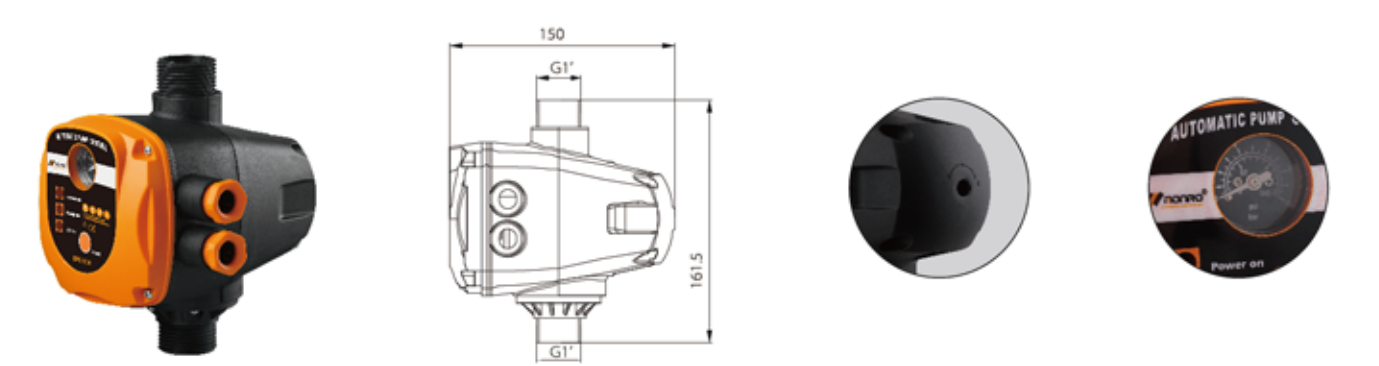
EPC-9



EPC-9

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW/2.2kW	0.55kW/1.1kW	1.1kW/2.2kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP54	IP54	IP54
最高工作温度	Max Working Temperature	55 °C	55 °C	55 °C

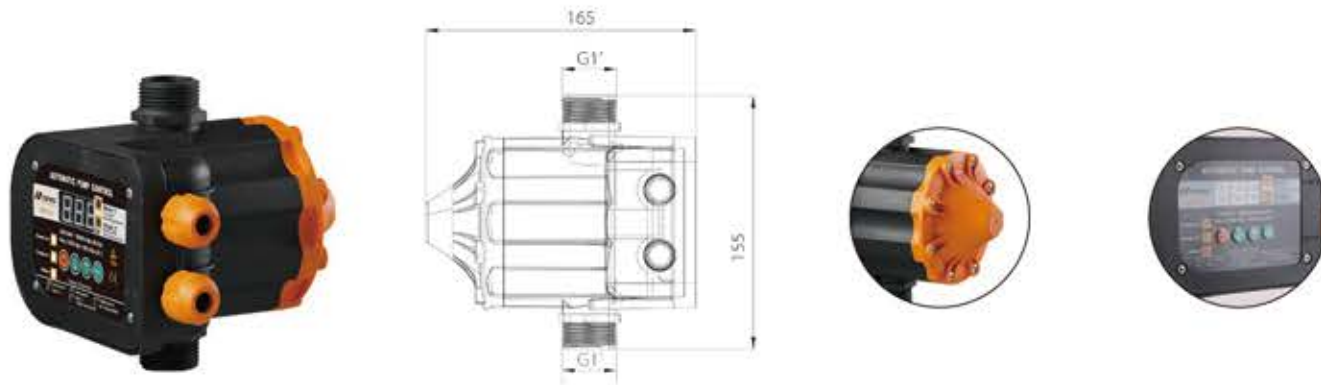
EPC-11A



EPC-11A

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55kW/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP54	IP54	IP54
最高工作温度	Max Working Temperature	55 °C	55 °C	55 °C

EPC-12



EPC-12

额定电压	Rated Voltage	110-240V
电力频率	Power Frequency	50/60Hz
最大功率	Max Power	1.1kW/2.2kW
启动压力设置	Starting Pressure Setting	0.5-6.7bar
最大工作压力	Max Working Pressure	8bar
螺纹接口	Connection Thread	G1"
防护等级	Protection Rating	IP65
最高工作温度	Max Working Temperature	60°C

ADVANTAGES:

- Digital screen shows the real-time pressure in the tube.
- Two modes:
 - Mode 1: Only adjust the starting pressure (0.5-6.7bar).
 - Mode 2: Adjust the starting pressure (0.5-6.7bar) and stopping pressure (0.8-7.0bar).
- Max. Using height can reach to 50-60 meters.

Digital screen for pressure reading and status codes

Mode indicator

Display introduction for status codes

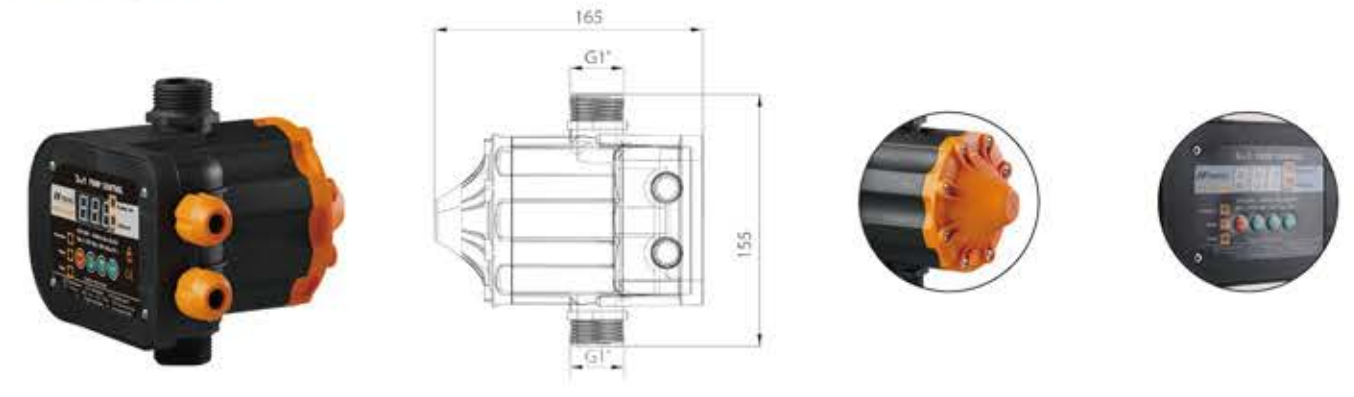
Relevant parameter

Switch functions & log press to keep pumping

Operation & Failure indicator



EPC-12P



EPC-12P

额定电压	Rated Voltage	110-240V
电力频率	Power Frequency	50/60Hz
最大功率	Max Power	1.1kW/2.2kW
启动压力设置	Starting Pressure Setting	0.5-6.7bar
最大工作压力	Max Working Pressure	9.5bar
螺纹接口	Connection Thread	G1"
防护等级	Protection Rating	IP65
最高工作温度	Max Working Temperature	60°C

ADVANTAGES:

- Digital screen, suitable for the young.
- New Design. Three-In-One.
 - Mode 1: Pressure (Mainly used for no water tower's water supply)
 - Mode 2: Flow (Mainly used for water tower pressurization)
 - Mode 3: Timing (Mainly used for filling up the water tower, the time setting can according to customers' requirements)
- Pressure adjustable range from 0.5-6.7 bar, max. Using height can reach to 50-60 meters.

Digital screen for pressure reading and status codes

Mode indicator

Display introduction for status codes

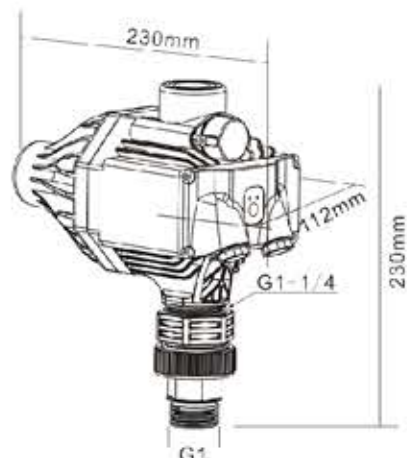
Relevant parameter

Switch functions & log press to keep pumping

Operation & Failure indicator



EPC-13



EPC-13

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.5kW	0.75kW	0.75/1.5kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1", G1 1/4"	G1", G1 1/4"	G1", G1 1/4"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	55℃	55℃	55℃

ADVANTAGES:

- Built-in check valve, external pressure gauge
- Indicator light reflect working status
- Adjustable starting pressure between 1.5 bar to 2.5 bar
- Joint included, 1.25inch to 1inch inlet
- Smart program for option - Anti-dry run and Auto reset functions

1 inch



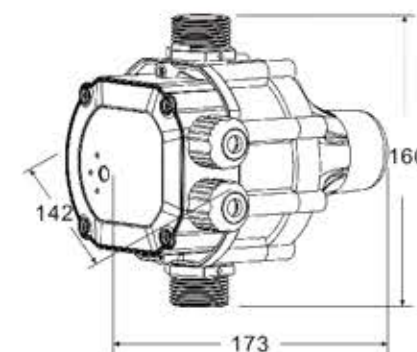
1.25 inch



1 inch



EPC-14

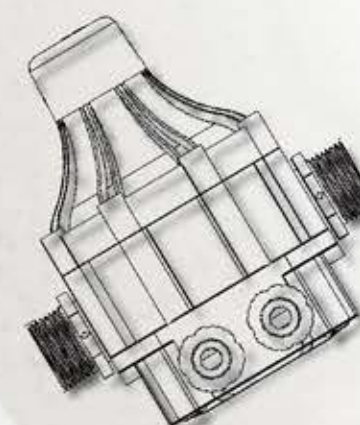


EPC-14

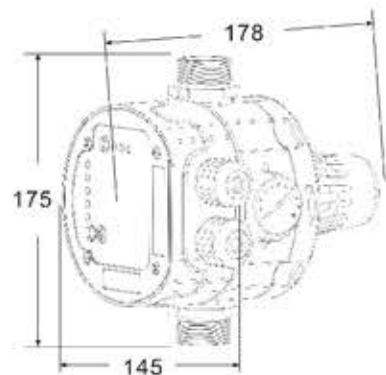
额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55/1.1kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar	1.2bar, 1.5bar	1.2bar, 1.5bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	60℃	60℃	60℃

DELICATE AND CABINET
SMALL BODY BIG EFFECT

Only half of the A4 paper size



EPC-15



EPC-15

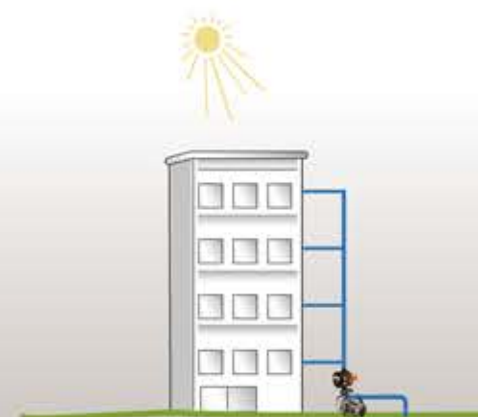
额定电压	Rated Voltage	220-240V	110-120V
电力频率	Power Frequency	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW
启动压力设置	Starting Pressure Setting	1.2bar, 1.5bar, 2.2bar	1.2bar, 1.5bar, 2.2bar
最大工作压力	Max Working Pressure	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"
防护等级	Protection Rating	IP65	IP65
最高工作温度	Max Working Temperature	60℃	60℃

ADVANTAGES:

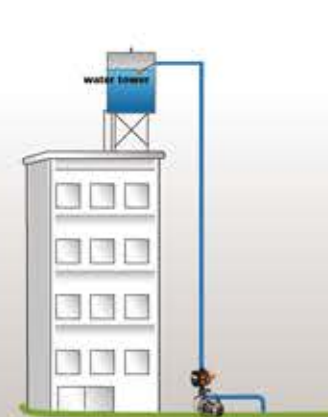
- New design, Three-In-One
- Mode 1: Pressure (Mainly used for no water tower's water supply)
- Mode 2: Time (Mainly used for filling up the water tower on the set time (0.5h, 6h, 24h), according to the amount of water consumed)
- Mode 3: Flow (Mainly used for water tower pressurization)



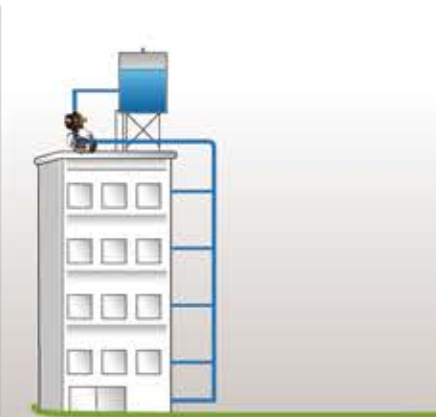
In flow mode,
when flow rate is less than range 36-80L/H,
the pump does not start.



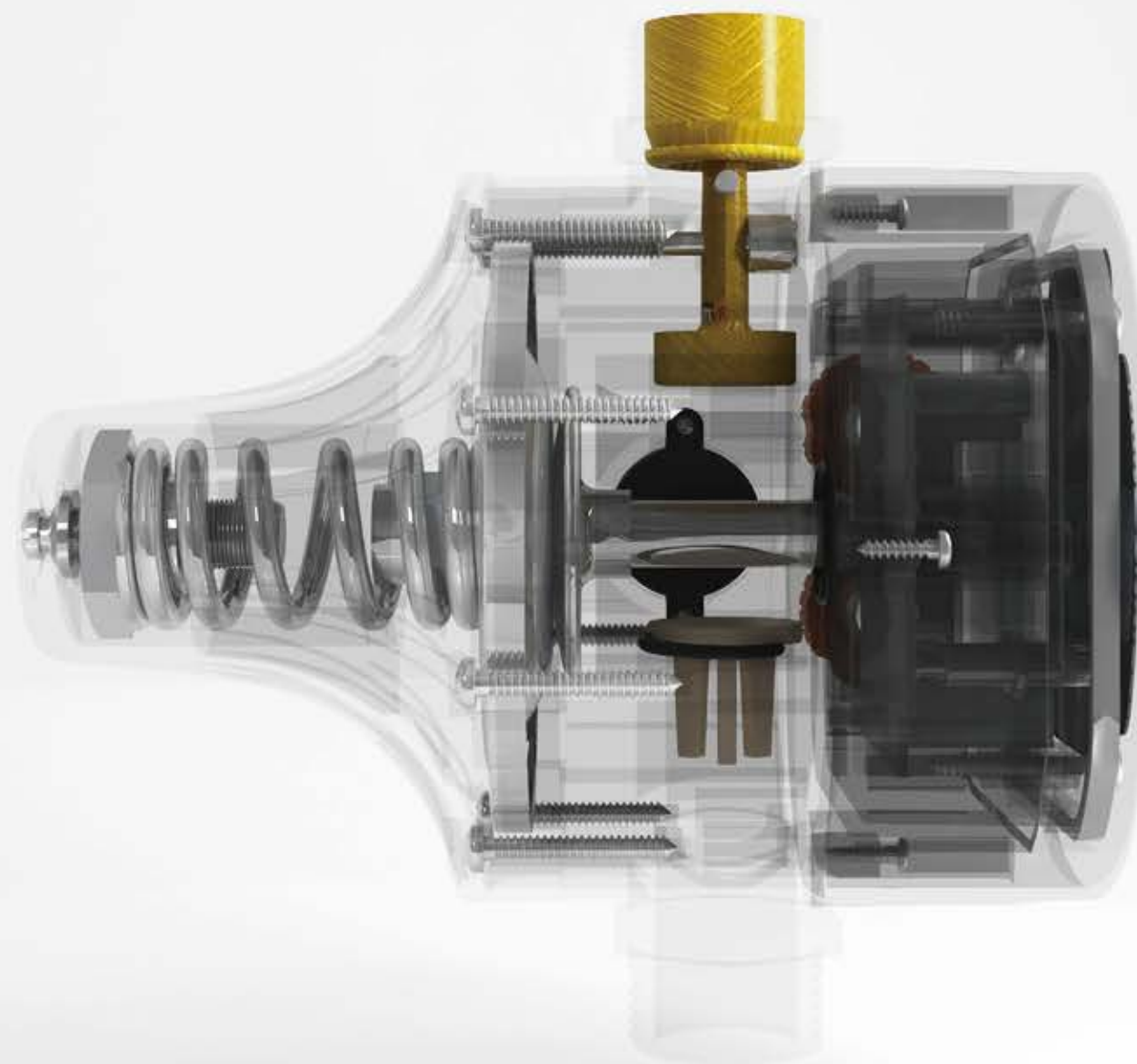
Mode:pressure



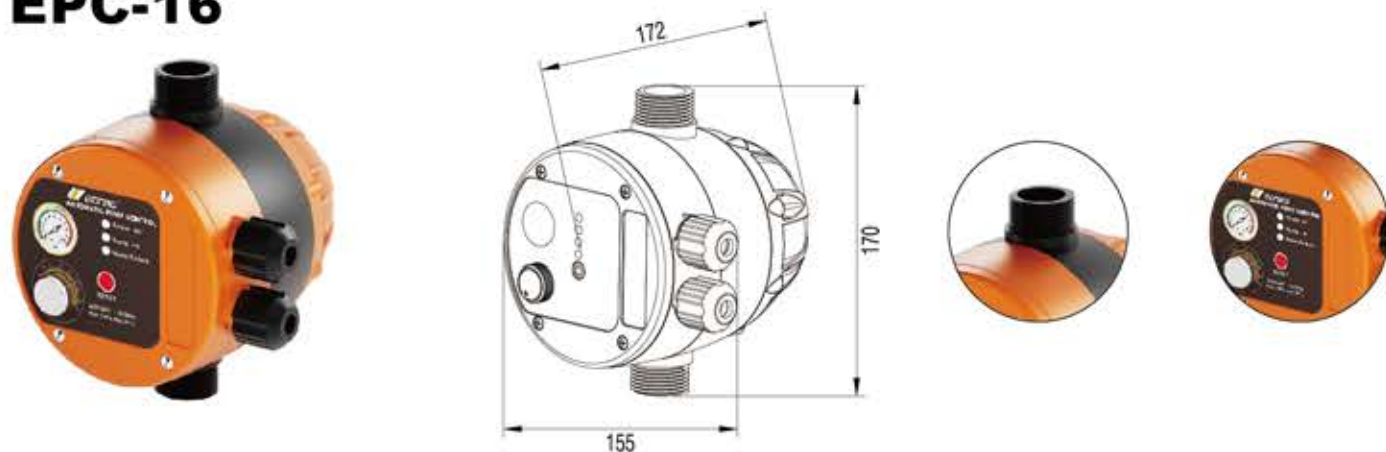
Mode:timing



Mode:flow



EPC-16



EPC-16

额定电压	Rated Voltage	220-240V	110-120V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	1.1kW	0.55kW	0.55/1.1kW
启动压力设置	Starting Pressure Setting	1.0-3.0bar	1.0-3.0bar	1.0-3.0bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	60℃	60℃	60℃

ADVANTAGES:

With Mono-meter Gauge
Suitable for water pump 1.5HP (single phase)
Toolless starting pressure adjust
Starting pressure range: 1.0bar - 3.0bar
Factory setting starting pressure:1.0bar



1. Toolless starting pressure adjust
2. Starting pressure setting: 1.0bar - 3.0bar

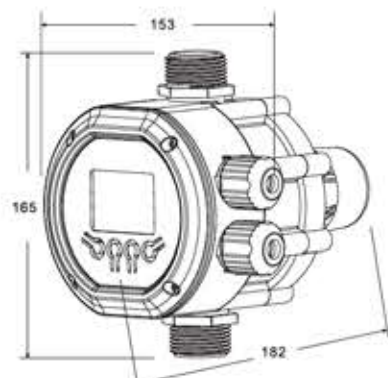
新設計 DESIGN OUTLOOK NEW

The EPC-16 automatic pump control, is used the classic vertical structure (180° angle between outlet & inlet). Flow & pressure sensing device for control and protection of single-phase pumps up to 1.5 HP.

Real-time working pressure
Toolless starting pressure setting



EPC-17



EPC-17

额定电压	Rated Voltage	110-240V
电力频率	Power Frequency	50/60Hz
最大功率	Max Power	2.2kW
启动压力设置	Starting Pressure Setting	0.5bar-6.7bar
最大工作压力	Max Working Pressure	10bar
螺纹接口	Connection Thread	G1"
防护等级	Protection Rating	IP65
最高工作温度	Max Working Temperature	60℃

NEW 3-IN-1 MODE:

AUTO MODE:

Working automatically after installation.



MANUAL MODE:

To set starting pressure and closing pressure.



TIME MODE:

To set 0.1-1H, 1-24H for regular start. This mode suggest to used for filling up the water tower.



LIQUID CRYSTAL DISPLAY:

The first generation pump controller with LCD, steps towards a greater intelligence.

ADVANTAGES:

- LCD, intelligent display
- Multi-function New 3-in-1 modes
- New appearance upgrade, stable structure design



When water pump is working, the "PUMP ON" icon is on; When water pump stop working, it is off.



The pump controller detected flow, the "FLOW" icon is on, water shortage, it is off.

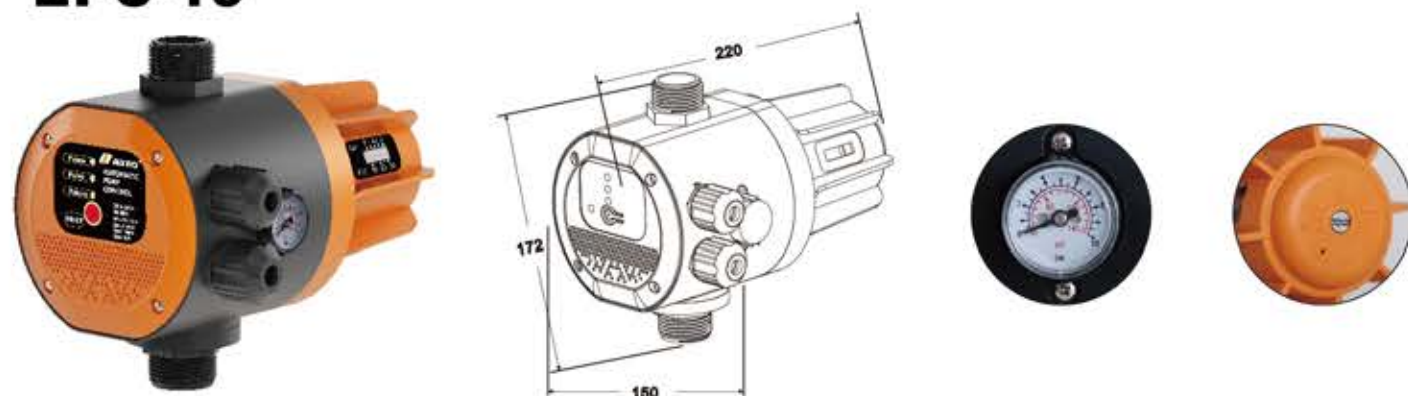


The pump controller failure, the "alarm" icon is on.

- Mode indicator
- Display for real-time pressure or time
- Adjustment for parameter display
- Parameter selection
- Relevant parameter
- To reset



EPC-19



EPC-19

额定电压	Rated Voltage	220-240V	110v-220V	110-240V
电力频率	Power Frequency	50/60Hz	50/60Hz	50/60Hz
最大功率	Max Power	2.2kW	1.1kW	1.1/2.2kW
出水口压力设置	Pressure Limit Range	2.0-6.0bar	2.0-6.0bar	2.0-6.0bar
最大工作压力	Max Working Pressure	10bar	10bar	10bar
螺纹接口	Connection Thread	G1"	G1"	G1"
防护等级	Protection Rating	IP65	IP65	IP65
最高工作温度	Max Working Temperature	60℃	60℃	60℃

CONSTANT PRESSURE STYLE:

EPC-19 is a new type automatic pump control with adjustable outlet pressure.

Max power up to 2.2kW (3HP), Benefit from its own structure design (flow detection, pressure sense and-limiting pressure structure), this control doesn't need to set starting pressure. The regulating system of outlet pressure is from 2.0bar to 6.0bar, can protect water pump and water pipes system to avoid overloads, water hammer.

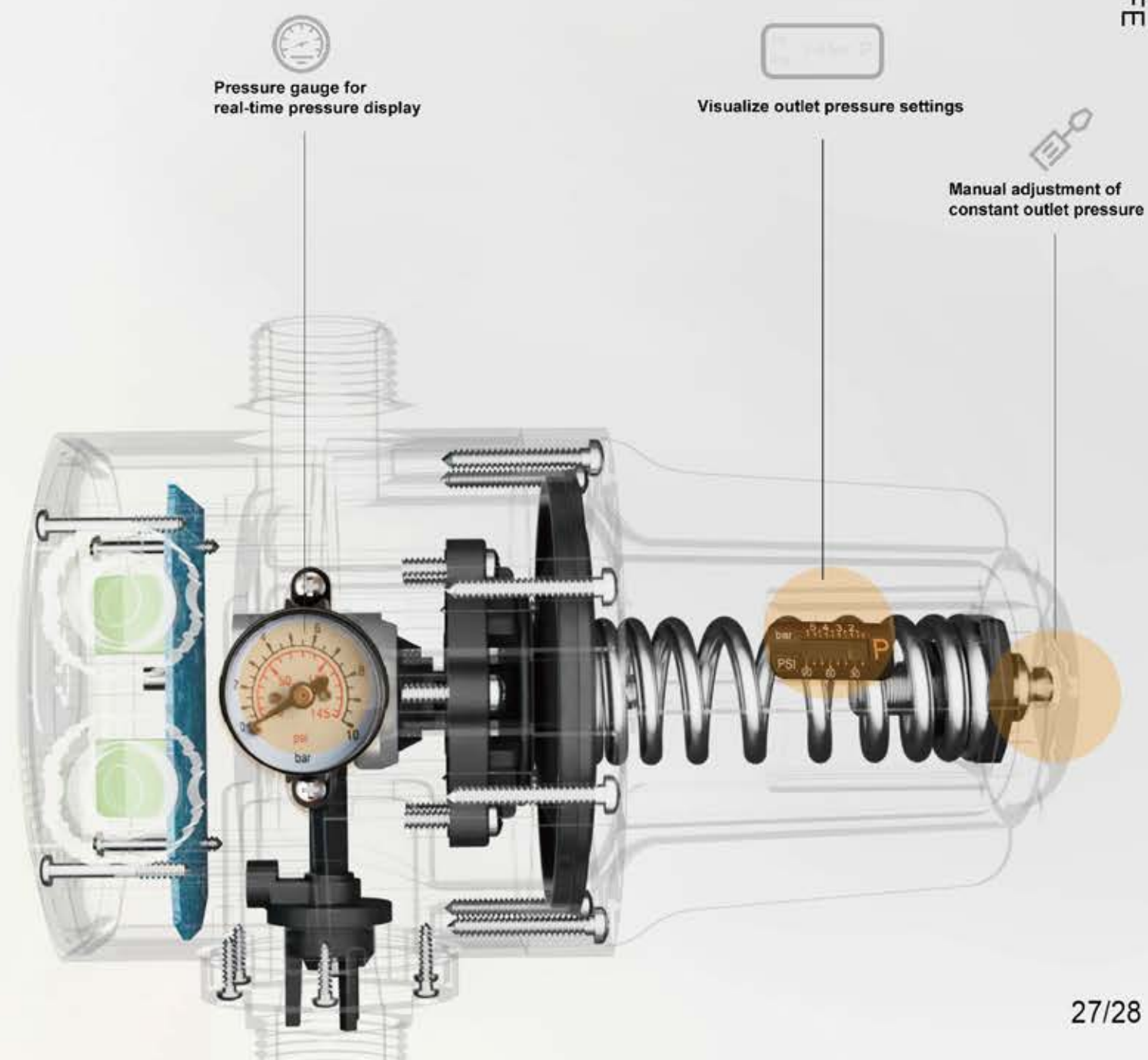
ADVANTAGES:

- Manual adjustment of constant outlet pressure
- Visualize outlet pressure settings
- Pressure gauge for actuating pressure display
- Auto-setting of the start pressure linked to the outlet pressureDry-running protection
- Dry-running protection
- Rotor anti-blocking protection, auto running 10s after 24hours stop
- Auto restart, during water shortage, auto running with a programmed periodicity to test water supply

新設計 DESIGN OUTLOOK NEW

Pressure adjustable perfected, water pipes protected.

Outlet pressure	Cut in pressure	Min pump pressure	Max water column
2 bar	1±0.5bar	3 bar	4 m
3 bar	1.8±0.5bar	4 bar	13 m
4 bar	2.5±0.5bar	5 bar	20 m
5 bar	3.3±0.5bar	6 bar	28 m
6 bar	4.2±0.5bar	7 bar	37 m



WE ALL USE IT IN OUR LIFE

PROFESSIONAL RESEARCH TEAM
TECHNOLOGICAL
INNOVATION

SMART CHANGES LIFE

Monro FPS (Float switch) series, is a kind of safety and reliable liquid level control device with simple structure. It uses magnetic force to operate without mechanical connection, easy to operate. Compared with the general mechanical switch, its volume is smaller, its speed is faster, and its function life is longer. Compared with the electronic switch, it has a strong anti-load impact ability.



HIGHLIGHT FEATURES

1. Single function or double function
2. Simple structure, easy to use, safety & reliable
3. Widely used in water system, necessary parts for water tower & water tank



PRODUCT APPLICATION

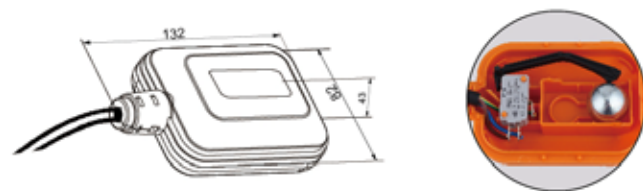
Water drain tank
Family water tower
Industrial water tower
Water tank



PRODUCT FOR USAGE

1. Auto-fill-water mode
2. Auto-drainage and lack-water protection mode
3. Fill-water and drainage auto-switch mode

FPS-1



FPS-1		
额定电压	Rated Voltage	250V
功率	Frequency	50/60Hz
额定电流	Rated Current	16(8)A
防护等级	Protection Rating	IP68
最高工作温度	Max Working Temperature	55℃

DESCRIPTIONS:

1. Auto-fill-water mode

Connect the control's blue line to electric pump, black line is connected to zero-line, black, brown line can not be connected and should be insulated.

2. Auto-drainage and lack-water protection mode

Connect the control's brown line to electric pump, the black line is connected to the zero-line, the blue line can not be connected and should be insulated.

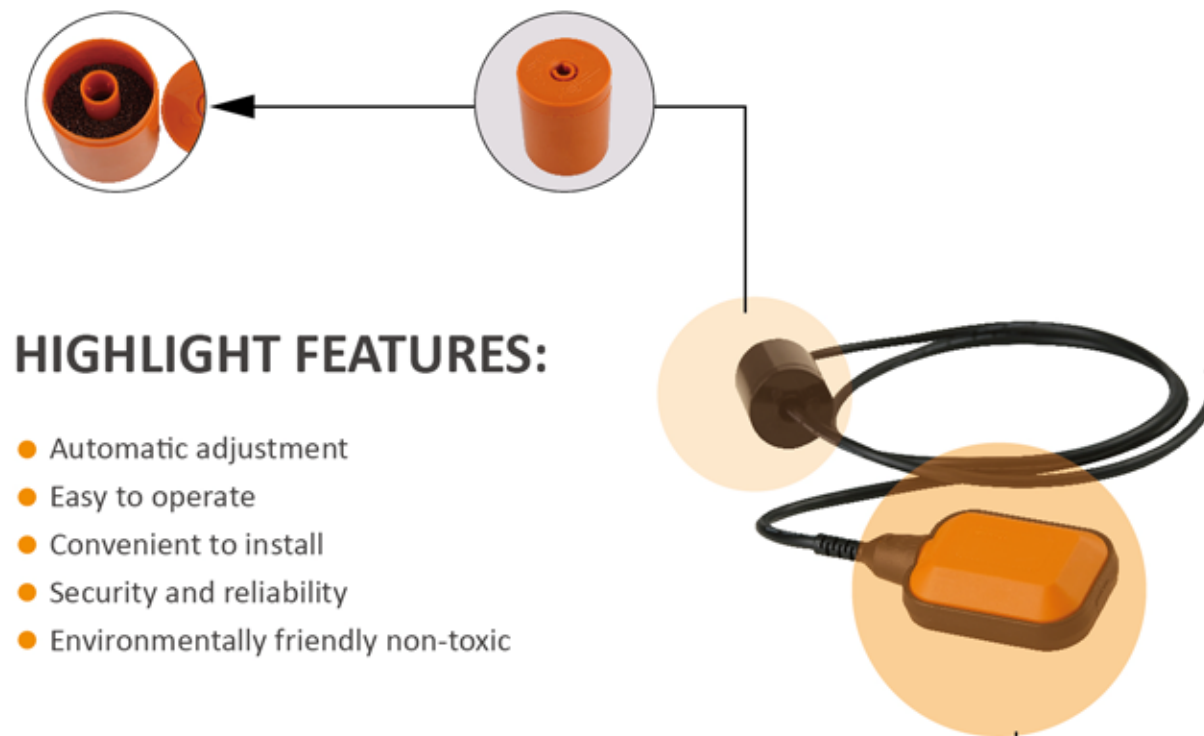
3. Fill-water and drainage auto-switch mode

The chart is fill-water and drainage auto-switch mode. This electric connection chart synthesizes by automatic fill-water and auto-drainage.

OPTIONALS:

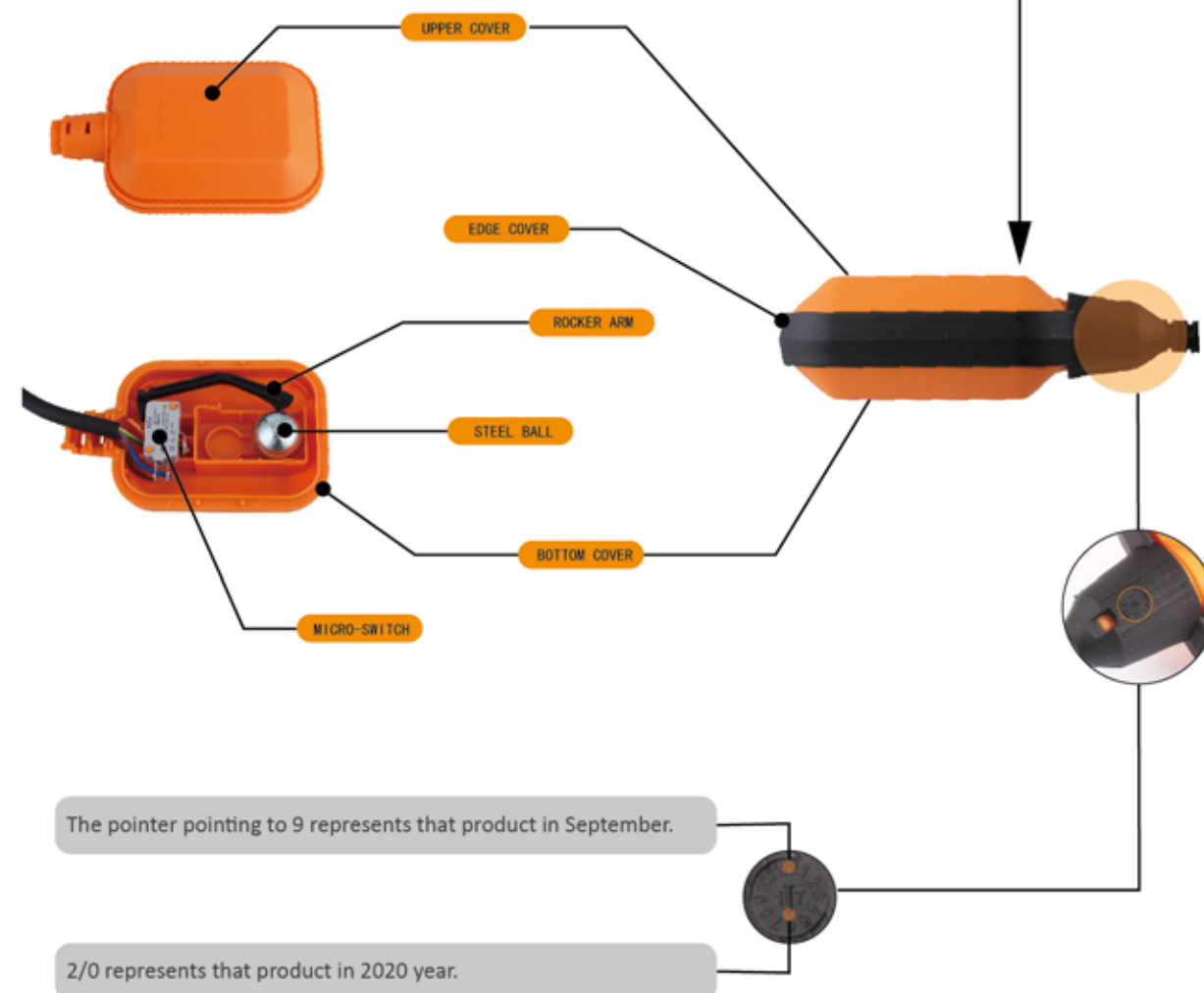
1. Single function or double function.
2. Color as customer require.
3. Cable length as customer require (2m, 3m, 5m etc).
4. Cable material as customer require (PVC or RUBBER).
5. Cable size as customer require (3*1.0mm² recommended)

线缆长度 (可选) CABLE LENGTH	装箱数量 QUANTITY PER CARTON	内盒尺寸 INNER BOX	外箱尺寸 MASTER CARTON	毛净重 N.W/G.W
2M	20PCS/CTN	22*8*11CM	45*42*24CM	11.5/13KGS
3M	20PCS/CTN	22*8*11CM	45*42*24CM	13/15KGS
5M	20PCS/CTN	22*8*11CM	45*42*24CM	16.5/18.5KGS
10M	10PCS/CTN	21.7*6.7*24CM	45*35.5*25.5CM	14/16KGS
20M	10PCS/CTN	26*8*26CM	53.5*42.5*27.5CM	25/27KGS



HIGHLIGHT FEATURES:

- Automatic adjustment
- Easy to operate
- Convenient to install
- Security and reliability
- Environmentally friendly non-toxic



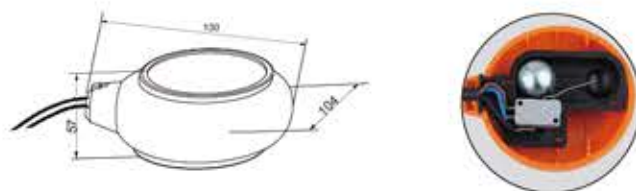
FPS-2



FPS-2

额定电压	Rated Voltage	250V
功率	Frequency	50/60Hz
额定电流	Rated Current	16(8)A
防护等级	Protection Rating	IP68
最高工作温度	Max Working Temperature	55℃

FPS-3



FPS-3

额定电压	Rated Voltage	250V
功率	Frequency	50/60Hz
额定电流	Rated Current	16(8)A
防护等级	Protection Rating	IP68
最高工作温度	Max Working Temperature	55℃

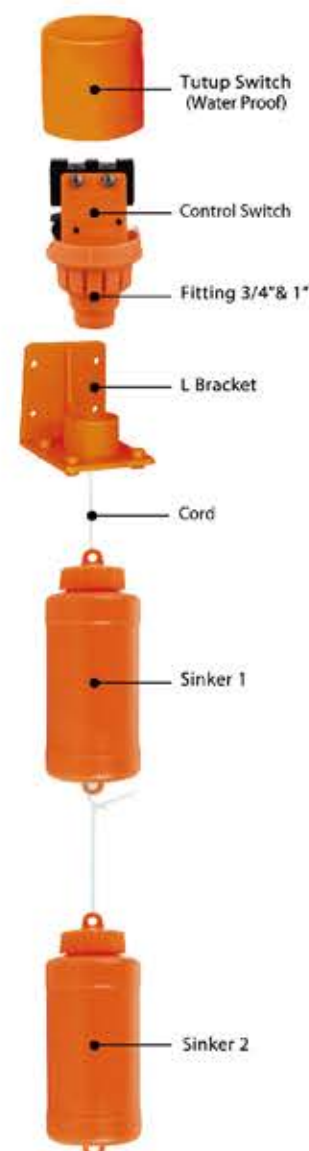
FPS-4



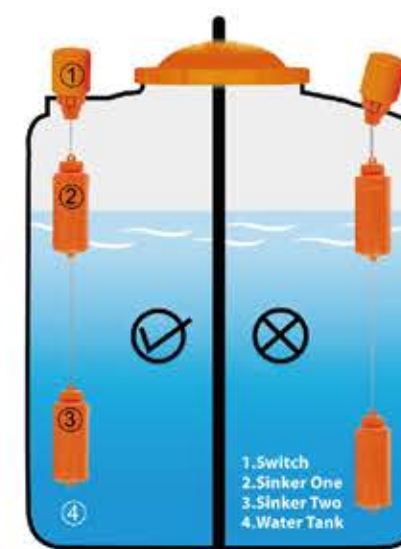
FPS-4

额定电压	Rated Voltage	250V
功率	Frequency	50/60Hz
额定电流	Rated Current	16(8)A
防护等级	Protection Rating	IP68
最高工作温度	Max Working Temperature	55℃

STSW-1



STSW-2



Original should vertically installed

STSW-1/2

电源	Power Supply	110/220V,50/60Hz
额定功率	Rating	5A
接口	Connection	G3/4", G1"
安装方向	Mounting Orientation	Vertical installation
控制范围	Control Range	0.2-5.0m
限定温度	Temperature Limits	5-80℃
适配最高功率	Max Pump Power by Direct Control	1.0HP

型号	Model	STSW-1	STSW-2
装箱数量	Quantity	40PCS/CTN	40PCS/CTN
内盒尺寸	Box	15.5*5.9*14.7CM	11.3*9.5*15.3CM
外箱尺寸	Carton	63*32.5*31.5CM	58.5*40.5*32.5CM
毛净重	N.W/G.W	22/24KGS	23/25KGS

FPS-5



FPS-5

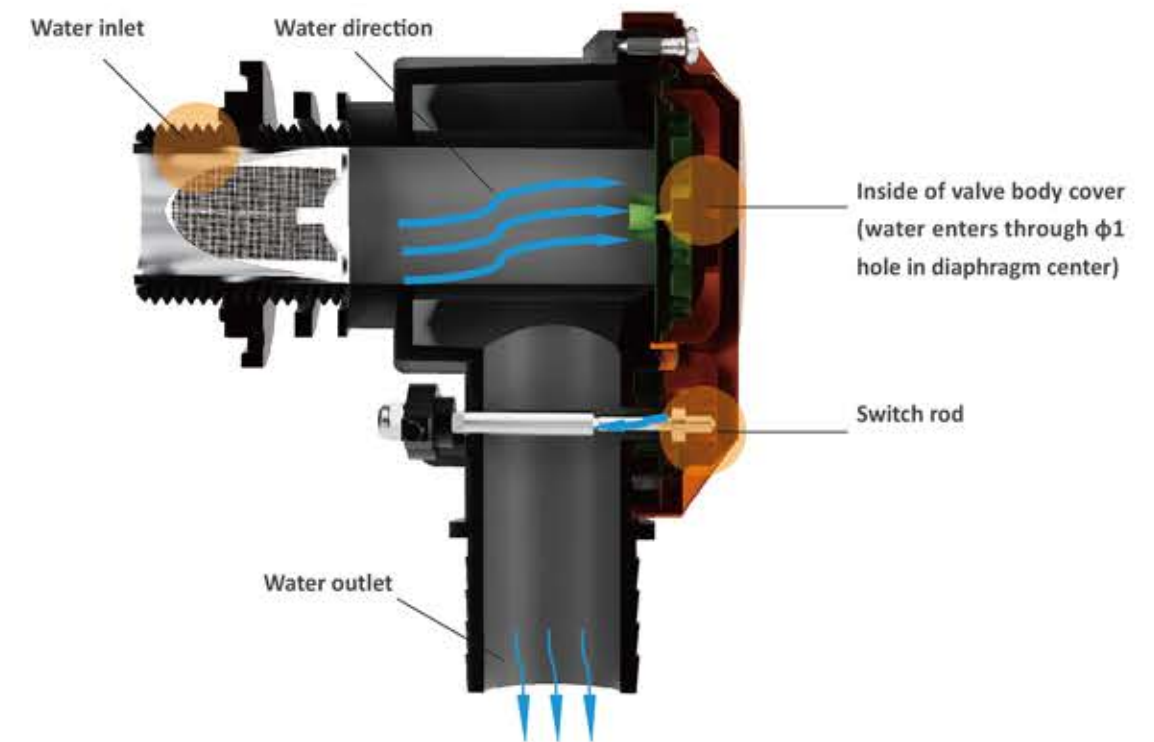
工作压力	Service Pressure	6 bar
操作压力	Operating Pressure	0,2-6 bar
操作温度	Operating Temperature	0 - 50 °C
存放温度	Storage Temperature	-20 - 80 °C
过压	Over pressure	15 bar
爆破压力	Burst Pressure	>20 bar
容器材料	Container Material	PC-ABS-POM-NYLON

HOW TO ADJUST WATER LEVEL OF FPS-5?

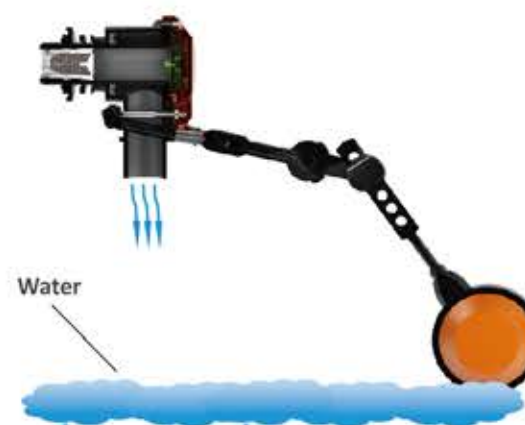


QUICK STOP:

FPS-5 is a mechanical float switch, without cable or micro-switch, is a switch that can adjust the liquid level status of water tanks, buckets, pools and other fields. It also can be treated as a float valve of water tank, quick on the trigger, stable and strong structure design, more reliable.

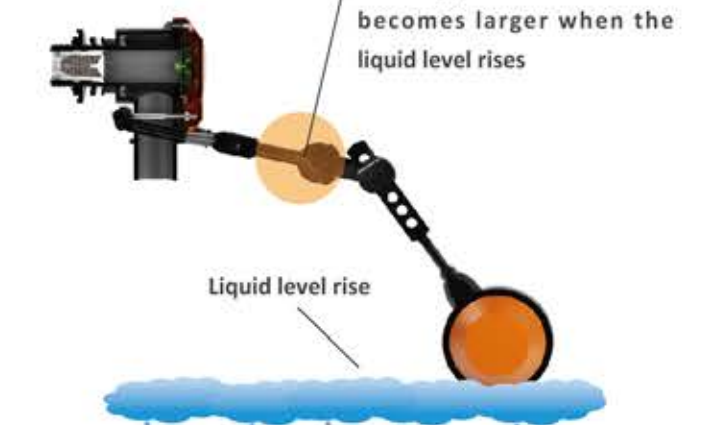


Water flow condition



OPEN WATER CONDITION

Closed water state



CLOSE WATER CONDITION

MEASUREMENT	BOX SIZE	CARTON SIZE	QUANTITY	N.W/G.W
FPS-5	32*12.1*7.5CM	46*32.5*26 CM	12PCS/CTN	4/5.5KGS

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HIGHLIGHT FEATURES

1. Mechanical structure, reliable performance
2. No requirement for usage environment, long service life, easy for replacement.
3. To provide a complete water supply system ,combined with pressure gauge, five-ways,check valve and pressure tank.



PRODUCT APPLICATION

- Ordinary wells and tube wells
- Household water booster
- High building water booster
- Irrigation system



HOW TO CHOOSE A KRS SERIES PRESSURE SWITCH?

- 1.To match the motor power of water pump
- 2.To set the pressure upper & bottom limit according to the pump lift & Max. Usage height
Max. Usage height +0.5bar < pressure limit range < pump lift-0.5bar
- 3.Optionals
Pressure range: 20-40PSI;30-50PSI;40-60PSI and etc
Screw type/size: Female fixed 1/4" / 3/8"; Female Rotary 1/4" / 3/8"; Male 1/4"

SMART CHANGES LIFE

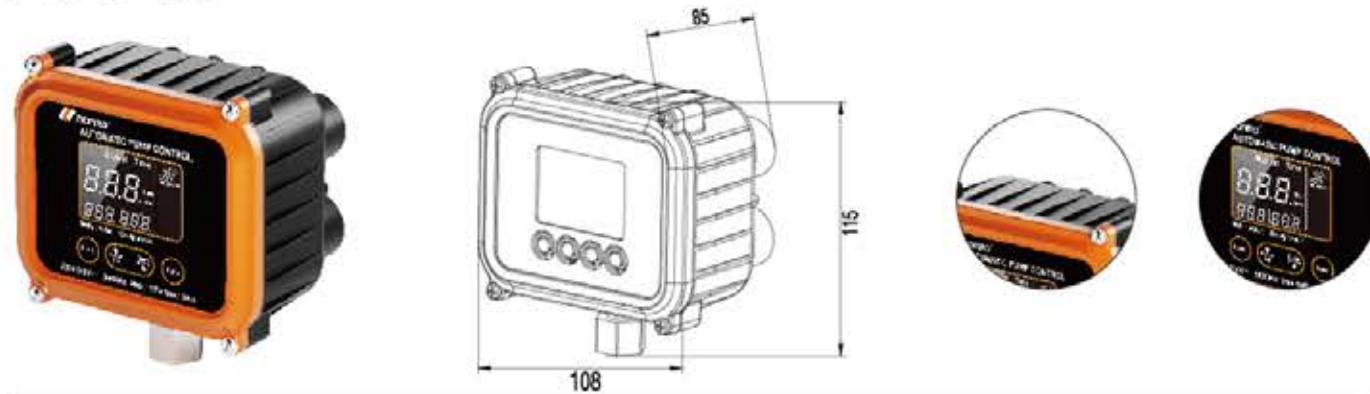
Monro pressure switches divided into two parts, KRS SEIRES for water pump & KRQ SERIES for air compressor.

KRS SERIES pressure switches are suitable for controlling ON & OFF of various pumps.

ON status: pressure reaches to bottom limit in the pipe system;

OFF status: pressure reaches to upper limit in the pipe system;

EPC-10

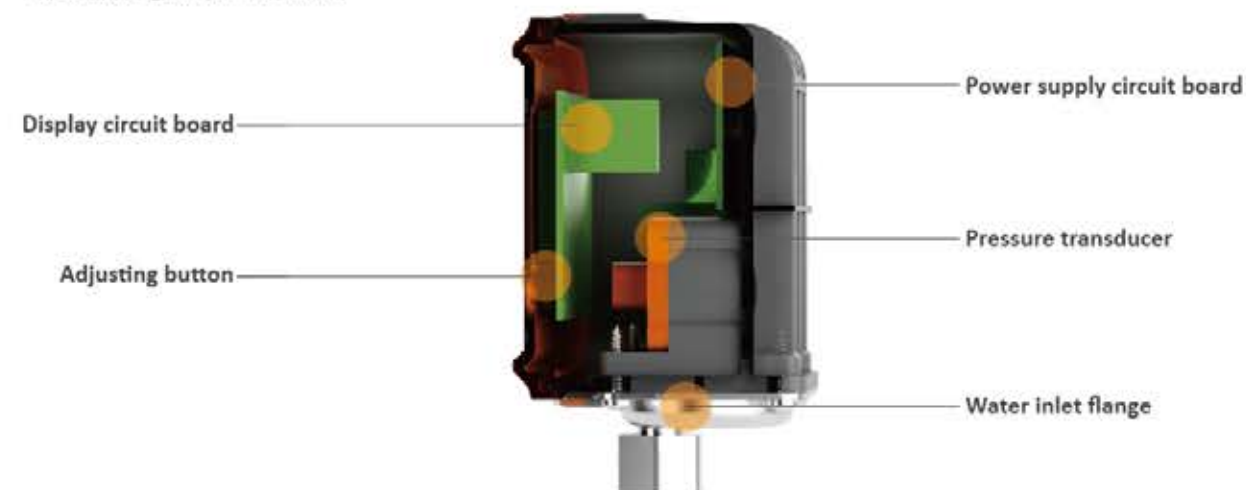


EPC-10

额定电压	Rated Voltage	110-240V	
电力频率	Power Frequency	50/60Hz	
启动压力设定	Starting Pressure Setting	0.5-6.7bar	
关闭压力设定	Stopping Pressure Setting	0.8-7.0bar	
延时启动设置	Delay startup Settings	0.1-1H, 1-24H	
最大工作压力	Max Working Pressure	1.0Mpa	
螺纹款式	Screw Type	Female	Male
螺纹尺寸	Screw Size	Fix Nut: 1/4" 3/8" Rotary: 1/4"	1/4"
保护等级	Protection Rating	IP65	
最高工作温度	Max Working Temperature	60℃	

FEATURES:

- 2 IN 1 Modes, used in different applications
- Manual Mode: Mainly used for non-tower water supply
- Time Mode: Mainly used for filling up the water tower
- Pressure switches for usage with water in pipe system
- Auto on & off by MCU (Multi-point Control Unit)
- NBR rubber membrane with textile insert (food grade)
- Hydraulic connection made of chromium-plated steel:
- Available connection: Rotary 1/4" F, 1/4" M, Fixed 1/4" & 3/8"
- Standard protection degree IP 65
- Max working temperature 60°C



LIQUID CRYSTAL DISPLAY:

The EPC-10 water pump pressure switch, a brand new design and appearance for mechanical pressure switch with intelligent display - LCD (Liquid Crystal Display). Two modes can be switched. "Manual Mode" automatically starts and stops the electric water pump according to the setting pressures, also display real-time pressure. Time mode used for filling up the water tower, the time setting will be changed as 0.1H, 0.2H ... 0.9H, 1H, 2H ... 24H. Water shortage alarm.

Adjustment Range: 0.3 - 6.5 Bar

- Starting pressure setting: 0.5 - 6.7 Bar
- Stopping pressure setting: 0.8 - 7.0 Bar



Water pump is working, the "PUMP ON" icon is on; Water pump stop working, it is off.

Display for real-time pressure or time

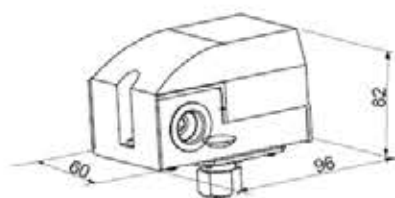
Mode for option

Starting pressure

Stopping pressure



KRS-1

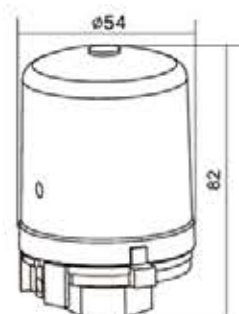


KRS-1

额定电压	Rated Voltage	110-240V	
电力频率	Power Frequency	50/60Hz	
额定电流	Rated Current	12A	
最小启动压力	Min cut-in	20PSI	
最大停止压力	Max cut-out	175PSI	
压力范围	Pressure Range	20-40PSI, 30-50PSI, 40-60PSI	
罩壳颜色	Cover Color	Black	
螺纹款式	Screw Type	Female	Male
螺纹尺寸	Screw Size	1/4" 3/8"	1/4"
防护等级	Protection Rating	IP20	
最高工作温度	Max Working Temperature	55°C	



KRS-2.5



KRS-2.5

额定电压	Rated Voltage	110-240V	
电力频率	Power Frequency	50/60Hz	
额定电流	Rated Current	10 (4) A	
最小启动压力	Min cut-in	0.5bar	
最大停止压力	Max cut-out	3.5bar	
压力范围	Pressure Range	1.1-1.8bar	
底座	Bases	Aluminum / Plastic	
触点	Contacts	Single	
螺纹款式	Screw type	Female: 1/4", 3/8"	
防护等级	Protection Rating	IP20	
最高工作温度	Max Working Temperature	55°C	



KRS-2



DESCRIPTIONS:

- pressure switch used in water systems.
- The switch starts and stops the water pump automatically according to the setting pressure.
- Hydraulics connection can choose: 1/4" & 3/8" Female.
- Customized setting.

OPTIONALS:

- Hydraulics connection according to customers needs.
- Pressure setting according to customers needs.



2.1



2.2



2.3



2.4

Plastic Base & Screw



2.6



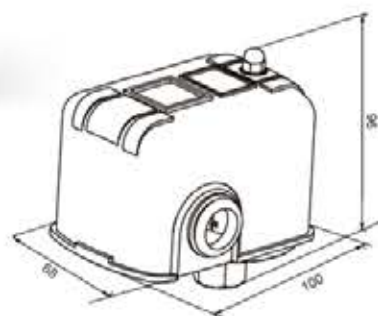
Plastic Base & Screw



KRS-2

额定电压	Rated Voltage	110-240V	
电力频率	Power Frequency	50/60Hz	
额定电流	Rated Current	10(4)A	
最小启动压力	Min cut-in	0.5bar	
最大停止压力	Max cut-out	3.5bar	
压力范围	Pressure Range	1.0-1.8bar, 1.5-2.2bar, 2.2-3.0bar etc.	
底座	Bases	Zin Alloy	Plastic
触点	Contacts	Double	Singe
螺纹款式	Screw Type	Female	Male
螺纹尺寸	Screw Size	1/4", 3/8"	1/4", 3/8"
防护等级	Protection Rating	IP20	
最高工作温度	Max Working Temperature	55°C	

KRS-3



DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch starts and stops the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4" & 3/8" Female.
- Customized setting.

OPTIONALS:

- Hydraulics connection according to customers needs.
- Pressure setting according to customers needs.



White Plated



KRS-3H



Female 1/4" 3/8"
(Fixed/Rotary)



Male 1/4"

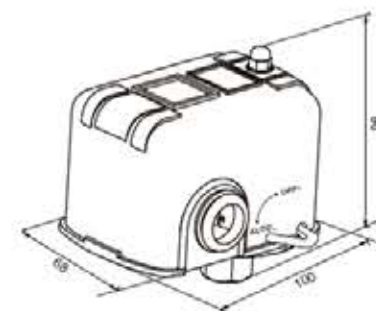


Plastic

KRS-3

额定电压	Rated Voltage	110-240V	
电力频率	Power Frequency	50/60Hz	
额定电流	Rated Current	12A	
最小启动压力	Min.cut-in	20PSI	
最大停止压力	Max.cut-out	100PSI	
压力范围	Pressure Range	20-40PSI,30-50PSI,40-60PSI,50-70PSI	
法兰	Flange	Steel,Plastic	
螺纹款式	Screw Type	Female	Male
螺纹尺寸	Screw Size	Fix Nut: 1/4"3/8"	1/4"
		Rotary: 1/4"3/8"	
防护等级	Protection Rating	IP20	
最高工作温度	Max Working Temperature	55℃	

KRS-4



DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch starts and stops the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4" & 3/8" Female.
- Customized setting.

OPTIONALS:

- Hydraulics connection according to customers needs.
- Pressure setting according to customers needs.



Reset for water shortage protection



Color Plated



KRS-4H



Male 1/4"

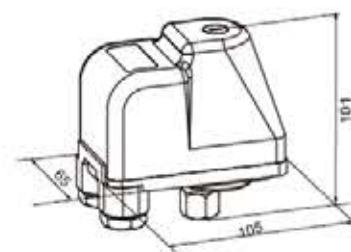


Female 1/4" 3/8"
(Fixed/Rotary)

KRS-4

额定电压	Rated Voltage	110-240V	
电力频率	Power Frequency	50/60Hz	
额定电流	Rated Current	12A	
最小启动压力	Min.cut-in	20PSI	
最大停止压力	Max.cut-out	100PSI	
压力范围	Pressure Range	20-40PSI,30-50PSI,40-60PSI,50-70PSI	
法兰	Flange	Steel,Plastic	
螺纹款式	Screw Type	Female	Male
螺纹尺寸	Screw Size	Fix Nut:1/4"3/8"	1/4"
		Rotary:1/4"	
防护等级	Protection Rating	IP20	
最高工作温度	Max Working Temperature	55℃	

KRS-5



Female 1/4" 3/8"
(Fixed/Rotary)

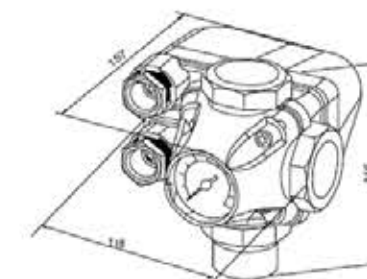


Male 1/4"
(36mm/43mm)

KRS-5

额定电压	Rated Voltage	110-240V/400V	
电力频率	Power Frequency	50/60Hz	
额定电流	Rated Current	16(8)A	
最小启动压力	Min.cut-in	15PSI	
最大停止压力	Max.cut-out	100PSI	
压力范围	Pressure Range	20-40PSI,30-50PSI,40-60PSI	
罩壳颜色	Cover Color	Black	
螺纹款式	Screw Type	Female	Male
螺纹尺寸	Screw Size	1/4"3/8"	1/4"
防护等级	Protection Rating	IP44	
最高工作温度	Max Working Temperature	55°C	

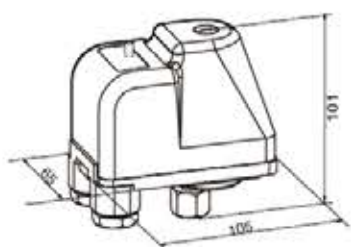
KRS-7



KRS-7

额定电压	Rated Voltage	110-240V/400V	
额定电流	Rated Current	16(8)A	
最小启动压力	Min.cut-in	15PSI	
最大停止压力	Max.cut-out	100PSI	
压力范围	Pressure Range	20-40PSI,30-50PSI,40-60PSI	
罩壳颜色	Cover Color	Black	
螺纹款式	Screw Type	G1"	
防护等级	Protection Rating	IP44	
最高工作温度	Max Working Temperature	55°C	

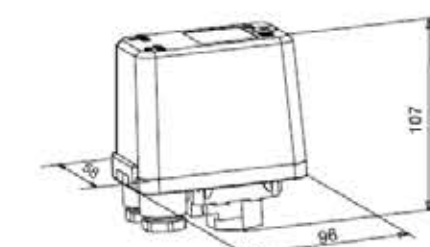
KRS-6



KRS-6

额定电压	Rated Voltage	220-240V	
额定电流	Rated Current	16(8)A	
低压保护	Low Voltage Protection	3-10PSI	
罩壳颜色	Color	Red	
底座颜色	Base Color	Color Plated,White Plated	
法兰	Flange	Steel	
螺纹款式	Screw Type	Female	Male
螺纹尺寸	Screw Size	Fix Nut:1/4"3/8" Rotary:1/4" 3/8"	1/4" 36mm,43mm
防护等级	Protection Rating	IP44	
最高工作温度	Max Working Temperature	55°C	

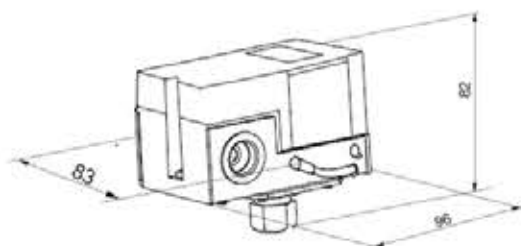
KRS-8



KRS-8

额定电压	Rated Voltage	110-240V/400V	
额定电流	Rated Current	20(16)A	
最小启动压力	Min.cut-in	1bar	
最大停止压力	Max.cut-out	12bar	
压力范围	Pressure Range	1-8bar,6-12bar	
螺纹尺寸	Screw Size	1/4" 3/8"	
防护等级	Protection Rating	IP44	
最高工作温度	Max Working Temperature	55°C	

KRQ-1

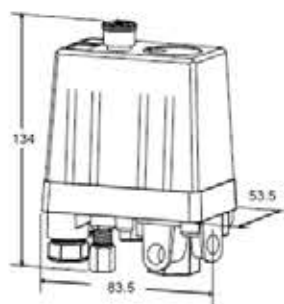


KRQ-1

额定电压	Rated Voltage	110V-240V
电力频率	Power Frequency	50/60Hz
额定电流	Rated Current	16A
最小启动压力	Min. Cut-in	20PSI
最大停止压力	Max. Cut-out	175PSI
压力范围	Pressure Setting	80-110PSI, 90-120PSI
螺纹款式	Screw Type	One way / Four way
螺纹尺寸	Screw Size	Female: 1/4"
防护等级	Protection Rating	IP20
最高工作温度	Max Working Temperature	40°C



KRQ-2

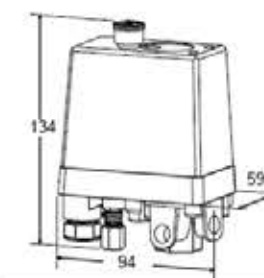


KRQ-2

额定电压	Rated Voltage	110V-240V
电力频率	Power Frequency	50/60Hz
额定电流	Rated Current	10A
最小启动压力	Min. Cut-in	20PSI
最大停止压力	Max. Cut-out	175PSI
压力范围	Pressure Setting	80-110PSI, 90-120PSI
螺纹款式	Screw Type	One way / Four way
螺纹尺寸	Screw Size	Female: 1/4"
防护等级	Protection Rating	IP20
最高工作温度	Max Working Temperature	40°C

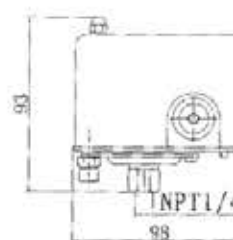


KRQ-3



KRQ-3

额定电压	Rated Voltage	380V
电力频率	Power Frequency	50/60Hz
额定电流	Rated Current	12A
最小启动压力	Min. Cut-in	20PSI
最大停止压力	Max. Cut-out	175PSI
压力范围	Pressure Setting	20-50PSI, 30-60PSI, 40-70PSI, 50-80PSI, 95-125PSI, 135-175PSI
螺纹款式	Screw Type	One way / Four way
螺纹尺寸	Screw Size	Female: 1/4"
防护等级	Protection Rating	IP20
最高工作温度	Max Working Temperature	40°C



KRQ-4



KRQ-4

额定电压	Rated Voltage	110-240V
电力频率	Power Frequency	50/60Hz
额定电流	Rated Current	12A
最小启动压力	Min. Cut-in	20PSI
最大停止压力	Max. Cut-out	175PSI
压力范围	Pressure Setting	20-50PSI, 30-60PSI, 40-70PSI, 50-80PSI, 95-125PSI, 135-175PSI
螺纹款式	Screw Type	One way / Four way
螺纹尺寸	Screw Size	Female: 1/4"
防护等级	Protection Rating	IP20
最高工作温度	Max Working Temperature	40°C



KRQ-5



KRQ-5

额定电压	Rated Voltage	110-240V
电力频率	Power Frequency	50/60Hz
额定电流	Rated Current	12A
最小启动压力	Min. Cut-in	20PSI
最大停止压力	Max. Cut-out	100PSI
压力范围	Pressure Setting	20-50PSI, 30-60PSI, 40-70PSI, 50-80PSI
螺纹款式	Screw Type	One way / Four way
螺纹尺寸	Screw Size	Female: 1/4"
防护等级	Protection Rating	IP20
最高工作温度	Max Working Temperature	40°C



MEASUREMENT	BOX SIZE	CARTON SIZE	QUANTITY	N.W/G.W
IPC-01	19.5*18.5*21CM	56.5*40*23CM	6PCS/CTN	12/14KGS
EPC-1	22.7*16.8*17.9CM	53*47.5*38CM	12PCS/CTN	16.5/18.5KGS
EPC-1.1	26.1*16.8*18.9CM	58.5*54*35.5CM	12PCS/CTN	16.5/18.5KGS
EPC-2	15.2*10.1*23.2CM	47*43*25CM	12PCS/CTN	15/17KGS
EPC-2 with cable	15.2*12.8*23.2CM	53*48*25CM	12PCS/CTN	15/17KGS
EPC-2.1	18.3*13.7*22.7CM	57*56*25CM	12PCS/CTN	17.5/19.5KGS
EPC-3	24.8*13.8*13CM	52*44*28CM	12PCS/CTN	12/15KGS
EPC-4	20.2*10.1*10.1CM	54*42*23CM	20PCS/CTN	12/13KGS
EPC-5	14.5*15.2*18.6CM	61*47.5*21CM	12PCS/CTN	13/15.5KGS
EPC-5.1	14.5*15.2*21.7CM	60.5*47.5*23CM	12PCS/CTN	13/15.5KGS
EPC-7	27.2*17.9*22.5CM	56.5*38*48CM	8PCS/CTN	8/10KGS
EPC-9	18.5*15.5*13.5CM	48.5*36*29CM	12PCS/CTN	8.5/10.5KGS
EPC-11A	14.3*14.3*16CM	45*45*34CM	18PCS/CTN	10.5/12KGS
EPC-11A with cable	18*16.5*16CM	56*52*34CM	18PCS/CTN	11/13KGS
EPC-12/12P	16*17*17.5CM	49.5*35.5*37CM	12PCS/CTN	11/13.5KGS
EPC-13	22.7*16.8*12CM	53*47.5*26CM	12PCS/CTN	13.2/16KGS
EPC-15	14.5*15.2*18.6CM	61*47.5*21CM	12PCS/CTN	13/15.5KGS
KRS-1	9.7*8.7*6CM	45*31*21 CM	50PCS/CTN	16/18KGS
KRS-2	4.9*4.9*8.5CM	52*26.5*19 CM	100PCS/CTN	17/19KGS
KRS-2.5	53*53*8.5CM	54*27.5*19CM	100PCS/CTN	14/16KGS
KRS-3	9.9*7*9.9CM	51*37*21CM	50PCS/CTN	16.5/18.5KGS
KRS-4	10*9.3*10.3CM	51*47*21CM	50PCS/CTN	19/21KGS
KRS-5(female)	10.5*6.7*10.5CM	54*34*23CM	50PCS/CTN	19/21KGS
KRS-5(male)	10.5*6.7*12.5CM	54*26.5*35CM	50PCS/CTN	19.5/22KGS
KRS-6(female)	10.5*6.7*10.5CM	53.5*34*23CM	50PCS/CTN	19/21KGS
KRS-6(male)	10.5*6.7*12.5CM	54*26.5*35CM	50PCS/CTN	19.5/22KGS
KRS-7	12.5*12*16.5CM	62*52*35CM	40PCS/CTN	25.5/27.5KGS
KRS-8	8.5*5.3*5.3CM	53*24*34CM	50PCS/CTN	25.5/27.5KGS



HX-01



HX-02



HX-03



HX-04



HX-COPPER-03



HX-COPPER-04



HX-COPPER-05



HX-PLASTIC-01



RADIAL
HX-50/63R



AXIAL
HX-50/63R



HX-H01

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