

# Barely

automatic Pressure Control  
for water pump

## PC Series

CE, RoHs, CCC and ISO9001



# Barely

automatic Pressure Control  
for water pump

آتور صنعت  
ATOORSANAT



## PC 10

### TECHNICAL DATA

- Starting Pressure: 1.5bar or 2.2bar
- Max Rated Current: 10A
- Max Allowable Pressure: 10bar
- Rated Voltage: 110V or 220V
- Frequency: 50/60HZ
- Max Ambient Temperature: 40 °C
- Max Liquid Temperature: 60°C
- Protection Degree: IP65

### DESCRIPTIONS

- Stop and start the pump automatically
- Stop the pump in the case of water shortage
- After power cut off, it can restart the pump automatically when the power on
- Forced start
- Joint screw: G1"male

### OPTIONS

- Optional models and function

PC-10A : Starting pressure is adjustable during installation , adjustment range 1.5bar-3.0bar

PC-10B: Automatic restart after water shortage, the restart interval time is 8S, 30S , 1min-ute, 10minutes, 30 minutes, 1 hour, 2 hour...

The above 2 options function can be achieved at the same time, or you can choose just one

- Color
- G1" plastic pipe joint for a quick connection to water pump.
- Power cable length



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## PC 13

### TECHNICAL DATA

- Starting Pressure: 1.5bar or 2.2bar
- Max Rated Current: 10A
- Max Allowable Pressure: 10bar
- Rated Voltage: 110V or 220V
- Frequency: 50/60HZ.
- Max Ambient Temperature: 40°C
- Max Liquid Temperature: 60°C
- Protection Degree: IP65

### DESCRIPTIONS

- Stop and start the pump automatically
- Stop the pump in the case of water shortage
- After power cut off, it can restart the pump automatically when the power on
- Forced start
- Joint screw: G1"male

### OPTIONS

- Optional models and function

A : PC - 13 A : Starting pressure is adjustable during installation , adjustment range:  
1.5bar-3.0bar

B : PC-13M: Automatic restart after water shortage, the restart interval time is 8S,30S,  
1minute,10minutes,30 minutes,1 hour,2 hours recycle

C:PC-13B With european socket and plug

The above 3 options function can be achieved at the same time, or you can choose just  
one, or you can choose any two of them, but the models are different

- Color
- G1"plastic pipe joint for a quick connection to water pump



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## PC 19

### TECHNICAL DATA

- Starting Pressure :1.5bar or 2.2bar
- Max Rated Current:10A
- Max Allowable Pressure:10bar
- Rated Voltage:110V or 220V
- Frequency:50/60Hz
- Max Ambient Temperature:40 °C
- Max Liquid Temperature:60 °C
- Protection Degree:IP65



### DESCRIPTIONS

- Stop and start the pump automatically
- Stop the pump in the case of water shortage
- After power cut off, it can restart the pump automatically when the power on
- Forced start
- Joint screw: G 1" male

### OPTIONS

- Optional models and function

PC - 19A : Starting pressure is adjustable during installation , adjustment range : 1.5bar-3.0bar

PC-19B: With European socket and plug

PC-19M : Automatic restart after water shortage , the restart interval time is 8S , 30S, 1minute,10minutes,30 minutes,1 hour,2 hour, 2 hours recycle The above 3 options function can be achieved at the same time , or you can choose just only one , or any two of them.

- Color
- G1"plastic pipe joint for a quick connection to water pump

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## PC 58

### TECHNICAL DATA

- Start-up pressure range: 0.5-6.0 bar
- Maximum rated current: 10A or 16A
- Maximum power: 1.1KW or 2.2KW
- Permissible maximum pressure: 10 bar
- Rated voltage: 110V or 220V
- Frequency: 50/60Hz
- Maximum ambient temperature: 40°C
- Maximum Medium Temperature: 60 °C
- Protection Level: IP65

### DESCRIPTIONS

- Automatic control of pump operation and shutdown.
- Stop pumping automatically in case of water shortage.
- Call will start automatically after power failure.
- Manual mandatory startup.
- Over-pressure protection, system pressure more than 10 bars automatically stop the pump work.
- Water shortage self-start, the time interval of self-start is 1 minute, 30 minutes, 1 hour, and then 1 hour cycle.
- Anti-card protection, long-term non-use of the pump, 48 hours to start once .
- Sampling pressure sensor and LED display, real-time control system pressure value



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## DESCRIPTIONS

• Built - in two working modes , automatic mode : the controller can automatically . adjust the starting pressure value according to the pressure in the pipeline, and can monitor the pressure in the pipeline in real time. The bigger the pipeline pressure is, the smaller the starting pressure is , and the smaller the starting pressure is . It does not need to be set manually, so as to avoid the mismatch between the starting pressure and the head of the pump caused by the mismatch of the artificial setting starting pressure and the head of the pump. Obstacles occur, which can be used freely on pumps in the range of 10-98 meters lift, rated voltage, current and power. It is especially suitable for systems with mixed and superimposed pressure (such as tap water pressure or other booster pump pressure). Compared with traditional pressure controllers, it greatly reduces the occurrence of faults, thereby reducing the after-sale cost and is more intelligent. Manual setting of starting pressure value, 0.5-6.0 bar adjustable, wide range of voltage regulation, simple operation.

- Thread interface: G1"external thread.
  - It can be configured according to user's requirements.

## OPTIONS

- color
- Fast Joint G1"
- Power Wire Length

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## PC 59

### TECHNICAL DATA

- Starting pressure: 1-6bar (adjustable)
- Stop pressure: 2-10bar (adjustable)
- Min differential pressure: 1bar
- Max differential pressure: 7bar
- Rated current: 10A
- Max allowable pressure: 10bar
- Rated Voltage: 110V or 220V
- Frequency: 50/60hz.
- Max Ambient Temperature: 40°C
- 10Max Liquid Temperature: 60°C
- Protection Degree: IP65

### DESCRIPTIONS

- Stop and start the pump automatically
- Stop the pump in the case of water shortage
- After power cut off, it can restart the pump automatically when the power on
- Forced start
- Joint screw: G 1" male
- Built-in two working mode. working mode 1: Mechanical working mode. when pressure fall down (the tap opened), the pump start to work. When the pressure reach to the stop pressure or the pump in the max pressure, the flow stop (the tap closed), the pump stop work. working mode 2: Electric working mode: when pressure fall down (the tap opened), the pump start to work. When the pump in the max pressure, the flow stop (the tap closed), the pump stop work.
- Restart pump automatically after water shortage



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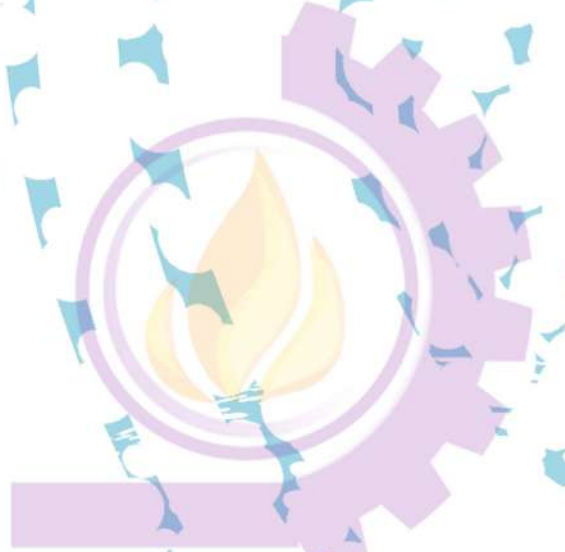
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## OPTIONS

- Color.
- G1" plastic pipe joint for a quick connection to water pump.
- Power cable length.

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# Barely



NO. CN09/20991

ISO9001质量管理体系



NO. VT08046793

欧洲CE认证



NO. NB2007120723

RoHS环保指令