



ACCESSORIES

PS06-1C FLOW CONTROLLER



FLOW CONTROL SWITCH



PS06-1C

Performance range

Direct Flow: 0 to 6m³/hour

The PS06-1C is a combination of a flow controller and a pressure sensor. It can be used in flow / pressure control system for non-particle laden liquids of non-chemically aggressive nature.

Advantages of this design

- Prevents frequent stop / start in systems with a slow leak.
- Prevents over pressurising of delivery side of the pipe network.
- Able to activate against high static head conditions



Technical

Rated Voltage:	220 ~ 240V	Cut in pressure:	1-7 Bar
Protection degree:	IP65	Cut out pressure:	2-10 Bar
Frequency:	50/60Hz	Max differential pressure:	7 Bar
Max Power:	1.5kW	Min Differential pressure:	1 Bar
Max Current:	10A	Interface thread:	G1" Male
Max working pressure:	10 Bar		
Max operating temp:	60°C		

Note: PC board for PS06-1C is not replaceable.

data

Installation

- Controller can only be used in clean water.
- **Ensure that a non-return valve is installed at the inlet of the pump.**
- The controller can be installed directly on the pump outlet.
- Do not use glue on the controller during installation.
- Do not install a tap between the pump and controller.



Note:

PS06-1C is a dual function controller. Internal toggle switch factory setting is **MODE 1**. **MODE 1** is pressure sensing setting and requires that both cut in and cut out pressure fall within the duties attainable by the pump. (Cut out pressures setting not at higher level than pump capability.) In case where this setting is higher than pump shut-off capability, controller will register fault condition and warning light will flash for 30 second intervals. After 30 seconds, pump will shut off and immediately on again if duty conditions remain. Should duty conditions require that pump continues running, the timing intervals will lengthen by 30 second after every switch off.

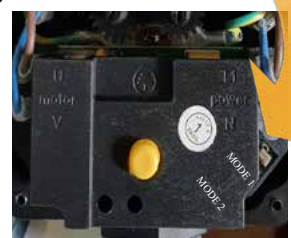
Example: 30sec - 1min - 1min 30sec etc.

Internal toggle switch can be set to **MODE 2**, which will transform unit to operate as flow control switch (without pressure setting sensitivity).

Cut-in pressure indicator to be adjusted to minimum of 1 Bar.

Cut-out pressure indicator to be set under and within 1 Bar of pump maximum head capability.

Switch



The pressure adjustable capability of this device is recommended for fine tuning and not for correction of incorrect pump selection.