

## PW-02M



### TECHNICAL DATE

Working Voltage	AC220V/50Hz/60Hz				
Rated output power	0.37-2.2KW (One controller for two pumps)				
Locked-rotor Protection Time	<1 seconds;				
Dry-running Protection Time	10Seconds, 3minutes, 5minutes optional				
Recovery Time from Dry-running	30 minutes;				
Under/Over Voltage Operating Time	<5 seconds;				
Under/Over Voltage Recovery time	5 minutes;				
Under-voltage operating voltage	AC 176V;				
Over-voltage operating voltage	AC 253V;				
Recovery Time from Over-current	30 minutes				
Distance for signal Transmit	≤200m				
Protection Degree	IP54				
Adaptive pressure sensor	DC5V working voltage / 0.5-4.5V signal output type, range 0-1.0MPa, 0-1.6MPa, 0-2.5MPa can be selected				
<b>Over-current Operating Time/Times table:</b>					
<b>Overload multiple (Times)</b>	<b>1.3</b>	<b>1.5</b>	<b>2</b>	<b>3</b>	<b>5</b>
<b>Acting time</b>	30S	15S	5S	3S	1S

### DESCRIPTIONS

1. Applied to single-phase submersible water pump, Pipeline Pump(0.37-2.2KW) etc, which can realize the level control protection and pressure control protection.
2. Auto/Manual control;
3. With four working modes: pressure sensor, float switch, liquid level probe and electric contact pressure gauge, which are applicable to most working conditions;
4. With under/over-voltage protection function;
5. With Over-current protection function;
6. With short circuit protection function;
7. Built-in Starting capacitor;
8. Built-in air switch protector;
9. Current setting can be set automatically with one key and manually input setting;
10. Pump dry-running protection time can be adjusted(10 seconds, 3 minutes, 5 minutes), which suitable for different pumps and working conditions;
11. Pump dry-running current can be adjusted(70%、80%、85% of the rated current ) ;
12. Double pump can work at the same time when low water level, low pressure water replenishment or high level overflow alarm sewage discharge;
13. When one pump works fails and stops, the other pump can switch work automatically;
14. The two pumps can be rotated and the rotation time can be adjusted from 0 to 99 hours;
15. Can query one pump cumulative rotation working time;
16. Dry-running protection with sensor free
17. LCD showing the working voltage, current and pressure value;
18. LCD displays fault information and gives sound and light alarm;
19. Can be configured according to user requirements.

