

PW-03M/03MP



TECHNICAL DATE

Working Voltage	AC220V/50Hz/60Hz				
Rated output power	0.37–2.2KW, 0.37–3KW (one controller for one pump)				
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;				
Recovery time from under/over voltage	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				
Over current acting time: 1s–30s (Inverse-time characteristic—the current bigger, acting time shorter)					
Overload multiple (Times)	1.3	1.5	2	3	5
Acting time	30S	15S	5S	3S	1S

DESCRIPTIONS

- 1.It is applicable for automatic level, pressure control and protection of single-phase deep well pump and pipeline pump etc. started directly by 0.37–3KW.
- 2.Auto/Manual control.
3. Five working modes: with pressure sensor; with float switch; with liquid level sensor; with mechanical pressure switch and with electric contact pressure gauge, suitable for various working condition.
- 4.Under/over voltage protection.
- 5.Over current protection.
- 6.Short circuit protection.
- 7.Built-in start capacitor is available
- 8.Built-in air breaker protector .
- 9.Current one key set by automatically or manually.
10. Dry-running protect acting time adjustable(10 seconds, 3mins, 5mins),suitable for various pump and working condition.
- 11.Dry-running current value adjustable(70%,80%,85% of rated current)
- 12.PW-03MP built-in ac contactor, suitable for deep well pump with 2.2–3KW and motor line within 400 meters;
- 13.Dry-running protection with sensor free.
- 14.LCD screen displays voltage, current value.
- 15.LCD displays fault information and alarm;
- 16.It can be configured according to user's requirements;

