

GIDPC Pro

1 PHASE, 1 PUMP UP TO 15 A

GIDPC PRO is a Digital Pump Controller, which is easy to use, programmable device for single phase pumps (monoblock or submersible). It can be used to control the pumps up to 15 Ampere.

TYPICAL APPLICATIONS

- GIDPC PRO 1 Pump – 1 Phase is very useful in water and wastewater applications, be it storm water, sewage, rain water reuse, irrigation, water supply or pressure boosting. It is an ideal choice in residential, industrial or institutional segments where water and energy conservation are of utmost importance.

KEY FEATURES

- Pressure control via pressure transmitter for pressure boosting application
- DIP switch settings to make it suitable for different applications like water supply, drainage or pressure boosting
- Dry run protection without Float switch
- Auto/manual switch with screen lock in AUTO mode
- Dynamic LCD screen for pump running and tank/pit level status
- Protect the pump against various faults (Overload, under voltage, over voltage etc.)
- Push button calibration for all parameter settings
- Pump accumulative running time
- Motor stalled & Transient surge protection
- RS485 Communication (MODBUS RTU Protocol)
- Start and Stop the pump based on feedback received from Float or pressure switch



TECHNICAL SPECIFICATIONS

| | |
|--|--|
| Rated input voltage | AC 220 V / 50 Hz / Single Phase |
| Rated output current (amperes) | 1.5 to 15 A |
| Trip response time of overload | 5 sec - 5 min. |
| Trip response time short circuit | Less than 0.1 sec |
| Trip response time of under / over voltage | Less than 5 sec |
| Trip response time of dry run | 6 sec (Default value; can be adjusted) |
| Recovery time of under / over voltage | 5 min. (Default value; can be adjusted) |
| Recovery time of overload | 30 min. (Default value; can be adjusted) |
| Permissible ambient temperature | -5 °C to 50 °C |
| Degree of protection | IP 54 |
| Unit dimensions (L X W X H) | 280 X 280 X 130 mm |

PRODUCT RANGE

| Part Code | Model | Voltage | Current I (A) | Number of Pump | Dimensions | | | Panel Protection | Weight [kg] |
|-----------|---------------------------------|---------|----------------|----------------|------------|-----|-----|------------------|-------------|
| | | | | | L | W | H | | |
| 99807102 | CP 1P 1PH 15A AUTO GIDPC PRO | 1X220 V | 1.5 to 15 Amps | 1 | 280 | 280 | 180 | IP 54 | 3 |