

# WATER PUMP CONTROL PANEL



## Product Specifications:

- Pressure manometers [Vacuum Pressure Gauge (Diameter 60 mm - range -1~5 bar)] - [Low Pressure Gauge (Diameter 60 mm - range 0~25 bar)] & [High Pressure Gauge (Diameter 60 mm - range 0~60 bar)]
- Start & stop switch
- Water tank level indicator
- Foam tank level indicator
- Warning indicator
- Fuel indicator
- Oil indicator
- Temperature indicator
- Light tower switch
- Projector switch
- Interior light switch
- PTO switch
- Hose reel switches [Left & Right]
- Monitor switch
- Main valve switch
- Vacuum switch
- High pressure switch
- Low pressure switch
- Fill tank switch
- Gas increase and decrease switches (Pump Speed Control)
- **Automatic Foam Mixture (AFM) unit**
- F4-Series ARM based VL Noise, high reliability processor
- Intelligent algorithm to avoid of dangerous operation
- Using of 3 independent switching regulators (Back Light, Coil Drivers & Sensors Power Supply, Processor Power Supply) to achieve maximum in-out isolation and maximum power gain
- Operating voltage 12, 24 volts.
- Up to 11 coil drivers (Such as pneumatic valves bobbin, fans, lights)
- Up to 3 digital RPM sensor inputs
- Up to 5 universal analog input in range [0 – 12 volts or 0-20 mA] such as water tank level, foam tank level, transmission oil- level, Engine-temperature, transmission temperature & etc.
- Capability to add new algorithm to control new devices up to 7 Type different pumps such as: **1200, 1500, 2000, 3000, 4000, 6000, 10000, series pumps.**
- User friendly setup for selecting device, defining active function buttons, gear ratio, high RPM alert value, RPM sensor setup, water & foam tank level sensor setup.

## Other features:

- Membrane Switch with backlight and LED indicator keyboard
- Membrane Switch keyboard material is Autotex/Grade F200/UL FILE No: E339035, that has a UL94 VTM-2 classification under the revised UL rules. (MacDermid-Autotype)
- Plastic Box properties and material Material

Ultramid injection-molding grades with flame retardants (PA66).

The most important properties of Ultramid High strength and rigidity - Very good impact strength - Outstanding resistance to chemicals. - Low tendency to creep - Dimensional Stability - Simple processing.

## Components:



Two set water &  
foam tank level  
sensor



One set RPM sensor:  
(1 Pcs RPM Sensor)



4 Pcs, 12 Pin Connectors

- ❖ Saves data max. 2 years.
- ❖ Special software for reading saved data.
- ❖ Connects to PC.
- ❖ Successfully passed EMC-ESD & LVD tests
- ❖ Protection: IP68
- ❖ Weight: 2 kg
- ❖ Dimensions in mm: 570\*250\*60