

# Electronic Control Unit for Hydraulic Pump Systems

Electronic control unit designed for hydraulic pump systems and governors. It uses a PLC to automatically control oil pumps in hydraulic power pack systems.



## Product Overview

### Advanced Control for Hydraulic Systems

This electronic control unit is engineered specifically for YWK/TWK series oil pumps, serving as an automated solution for governors and pressure supply systems in power plants. By utilizing an imported PLC as its core control mechanism, the device ensures precise regulation and high reliability for demanding industrial applications. The system facilitates advanced operational management, including automatic aeration control based on real-time liquid level and pressure feedback.

## Technical Features

### Operational Functions

- Automatic oil pump control
- Governor integration
- Oil pressure supply management
- Automatic aeration control
- Liquid level monitoring

### Integrated Protection

Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Short Circuit Protection

## System Architecture

### Control System Architecture

Imported Programmable Logic Controller (PLC)

### Compatible Equipment

YWK/TWK Series Oil Pumps