

Product Name :
Programmable Logic Controllers PLC Process**Product Code :**
CHINAELABC2810002**Description :**

Programmable Logic Controllers PLC Process

Technical Specification :

PLC Process gives students and engineers practical experience of the principles and application of programmable logic controllers (PLCs).

The object is to connect and program an external, programmable logic controller to monitor and control the level and flow rate of water in a two-tank system.

The apparatus has two transparent tanks, mounted one above the other.

A variable-speed pump transfers water from the reservoir (in the base of the unit) into the upper tank.

The water can drain down to the lower tank and then back into the reservoir.

Solenoid valves may be individually opened or closed to control and redirect the movement of the water.

The pump control is on or off, but a manual control allows the user to set the speed.

A float switch in the reservoir monitors the level of water.