



52021 Water level control enables Students and practicing Engineers to gain invaluable practical experience of the principles and application of Programmable Logic Controllers.

The objective is to connect and program an external Programmable Logic Controller to monitor and control the level of water in a tank system.

Water level controlling is shown with the help of LEDs. The module is connected with output of PLC. Two valves for filling and draining water are shown, for indicating ON\OFF condition of valve LED is used. Filling of tank is indicated by two sensors positioned to sense maximum and minimum water levels of tank.

Features

- 01 User friendly and powerful instruction sets.
- 02 Ready to use application board.
- 03 Exhaustive learning material

Experiment

- 01 Study of water level.
- 02 Study and use of timers and memory bit.
- 03 Water level control by PLC through ladder program

Technical specification

- | | |
|-------------------------|---|
| 01 Interface | : 20 pin FRC cable with PLC |
| 02 Input pin voltage | : 24 V DC when particular i/p is activated from PLC |
| 03 Output pin voltage | : 5 V DC when particular o/p is activated from PLC |
| 04 Power supply | : From PLC of 2401 |
| 05 Dimensions (mm.) | : W340 x H73 x D210 |
| 06 Weight | : 1.54Kg. (approximately) |
| 07 Operating Conditions | : 0 - 40 C, 85% RH |

List of Accessories

- 01 Operating manual

Note: Specifications are subject to change.