



PLC Working Modules - Bottling Plant Control Module



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This model is intended as a control object for programming exercises with a control system, PLC or computer. The process consists of a circular conveyor on which 4 bottles are placed. The conveyor is rotated by a small DC gear motor. The bottle position is sensed by a proximity sensor.

Acrylic water tank is provided with two solenoids fitted, one for water inlet and the other for bottle filling. capacitance type water level sensors are used to sense the water level in the tank and bottle.

SPECIFICATION

Inputs	: Relay to on DC gear motor, 2 solenoid valves, LEDs to indicate cycle on.
Outputs	: 2 water level sensors, 1 bottle sensor.
Logic level	: 24V DC.
Connection	: Via 4mm patch card terminals or D-type sub plugs for quick connection to PLC base plate.
Measurement	: 550×540×500(H×B×D, mm) approx.