

SAP E&C WASHING MACHINE MODULE
(PRODUCT CODE: PCST – 10W)



WASHING MACHINE MODULE (PCST-10W)

The Purpose of **WASHING MACHINE MODULE (PCST-10W)** is to study of industrial washing machine by using PLC. The PLC will automatically fill the washing machine with water to its high level, and clothes can be washed by setting the timer through the washing knob. Spinning can also be done through the spinning knob during this process. Automatic drain is provided to drain water from machine. It explains one of the different applications of PLC; this setup is to be hooked up with PCST-14.

Technical Specification: -

No.	Item Name	Technical Specifications
1	Washing Machine	01 No. Make: DMR/Eqvt, Model: DMR 30-1208/Eqvt, Capacity: 3 Kg. Dryer Basket: 1.5 Kg. Access Location: Top Load, Dimensions: 36 cm x 33 cm x 53 cm
2	Submersible Pump	01 No. 230 V AC
3	Sump Tank	Material: Stainless Steel, 1.5 mm thick /P.P.5mm thick, with top cover, Capacity: 15 liter, Dimension: 1 ft (L) ×1ft (W) ×1 ft (H).
4	Solenoid Valve	01 No. 24 V DC
5	Proximity Sensor	02 Nos. Type: - Capacitive type I/P supply: 24VDC, PNP type, 3 wire, Ø22.5mm,
6	Relay	01 No. 24 VDC, Solder Type Relay 1 C/O
7	Indicating Lamp	+24 V DC Amber – 02 Nos & Red – 02 Nos.
8	Electrical Control Panel-	MS Powder coated panel with Proper wiring, switches, indicator & test Points & SS Combine

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Range of Experiments: -

- ❖ Study of PLC programming (Optional).
- ❖ Demonstration of Industrial Washing Machine Module.

System Dimensions: 2.5 Ft. (L) X 1.5 Ft. (W) X 2.5 Ft. (H)

Weight: Approx.25 Kg.

Services Required:

- ❖ Water supply and drainage arrangement.
- ❖ Electric supply 1 ϕ 230 V AC, 6A, 50 Hz.
- ❖ Laptop/desktop computer (for SCADA)

Note:

All descriptive matter and illustrations are intended to give only a general idea of the equipment Detailed specifications may be altered at the company's discretion without any notice.

