

SAP E&C SOFT DRINK VENDING MACHINE MODULE
(PRODUCT CODE: PCST – 10A)



SOFT DRINK VENDING MACHINE MODULE (PCST-10A)

The purpose of **SOFT DRINK VENDING MACHINE MODULE (PCST-10A)** is to study of Soft Drink Vending Machine by using PLC. Two tanks are provided for the different soft drink mixtures, and through the PLC you can take in the ratio of mixture you want. 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	Level Tank	02 Nos. Dimension 6"X 6" X 16"
2	Level Switch	02 Nos. Float Type, 2 Wire Connection
3	Solenoid Valve	02 Nos. 24 V DC
4	Optical Sensor	01 Nos. I/P supply: 24VDC, PNP type, 3 wire, Ø18mm
5	Indicating Lamp	+24 V DC Amber – 04 Nos & Red – 03 Nos.
6	Object/Glass	02 Nos. Material: Plastic
7	Electrical Control Panel-	MS Powder coated panel with Proper wiring, switches, indicator & test Points etc.

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Range of Experiments: -

- ❖ Study of PLC programming (Optional).
- ❖ Demonstration of Soft Drink Vending Machine Module.

System Dimensions: 1 Ft. (L) X 1 Ft. (W) X 2.5 Ft. (H)

Weight: Approx.15 Kg.

Services Required:

- ❖ 24 V DC supply from PLC.
- ❖ 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.

