

SAP E&C PLC PROGRAMMING TRAINER KIT. (PCST 14A)



PLC Programming Trainer Kit gives an idea regarding the basics of Programmable Logic Controllers & its applications.



PLC PROGRAMMING TRAINER KIT WITH WATER LEVEL CONTROL MODULE

SYSTEM SPECIFICATIONS:

- ❖ **PLC MAKE: ALLEN-BRADLEY MICRO 800 SERIES 2080-LC10-12AWA/ STD. EQUIVALENT.**
- ❖ **Micro810 Controller, 8IN 120/240VAC, 4RLY, AC PWR**
- ❖ 8 Digital input / 4 Digital outputs.
- ❖ 24VDC, 1.5A Power source. 4"X2"X2".
- ❖ I/p- O/p LED indication on front panel.
- ❖ PC interface facility. PC-PLC interfacing cable.
- ❖ 2080-USBADAPTER: USB Adapter Plug for Micro810 12-pt only
- ❖ 2080-LCD: 1.5 LCD Display and Keypad, for Micro810 Only
- ❖ Necessary I/p-O/p simulating devices.
- ❖ Ladder diagram programming on PC.
- ❖ SCADA SOFTWARE connectivity for PLC.(optional)
- ❖ Electrical control panel for simulation of digital inputs (for switches 8 no.& proximity sensors 2no, miniature level switch 1no.)
- ❖ Front panel for display of digital input /output status: Lamps (8no.), LED INDICATORS (4no.).
- ❖ PLC panel dimensions: 1.5Ft. X 1.5Ft. X 1.5Ft. With visible transparent front fascia.
- ❖ High speed Frequency input.
- ❖ Inductive/ proximity limit switches (digital inputs), relay outputs (digital outputs)
- ❖ Optical sensor 1no. For position.
- ❖ Output compatibility to Solenoid valves, Electric motors as actuating elements in respective assorted modules.
- ❖ Water level tank with Miniature Level Switches(2nos.) and solenoid drain valve(1no.)

FEATURES:

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Self-explanatory instruction manuals, copy of S/W are provided.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Computer Interface (Optional).

For More Details Visit Our Website At: www.sapengineers.com, E-mail:- pravinsdeode@vsnl.net

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RANGE OF EXPERIMENTS:

- ❖ Study Of PLC Ladder programming trainer kit.
- ❖ Study of water level control application.
- ❖ Study of Auxiliary Experiments.

SERVICES REQUIRED:

- ❖ 230 V AC 50 Hz Single Phase Supply.

SYSTEM DIMENSIONS: 1.5Ft. (L) X 1.5Ft. (W) X 1Ft. (H)

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.

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