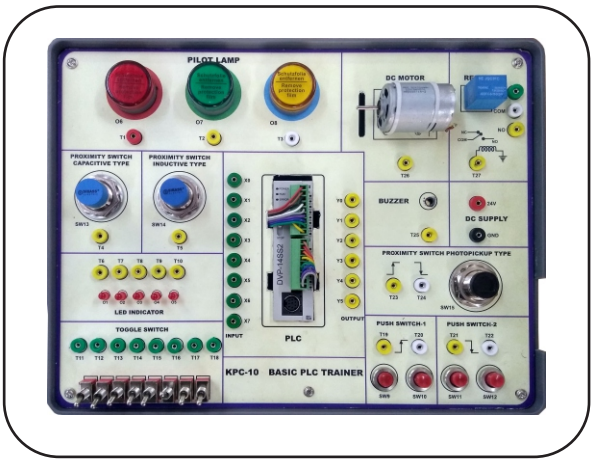
KPC-10
BASIC PLC TRAINER



Programmable Logic Controllers is a heart of modern automation systems. This theoretical knowledge may not be sufficient for the Industries Technological demands. Today every Engineers needs to undergo the Industrial Automation Training Program. KPC-10 is been design for the engineers to equip the latest Technologies of PLC SCADA/HMI Programming that with the industries standards.

KPC-10 has 2 points 24VDC digital input (4 points 50KHz, 4 points total 5KHz), 6 points relay output or transistor output , 1 communication port with in-built power supply.

Specifications

- DVP-14SS2 type PLC Controller panel
  - 32 bit CPU controller built in
  - 8 Digital input ports
  - 6 Digital Output ports
  - Program capacity : 8K step/data register 5K words
  - 4 points of 10Khz pulse output
  - 8 points of high speed counter: 20KHz/4 points & 10Khz/4points
  - Supports modbus, RTU protocol
  - RS-232 link for PC communication

- Digital Input /Output Simulation panel
  - 8 bit Digital input switch for input simulation
  - 5 LED output for output indication
  - 2 pulsar switch for High to low transition
  - 2 pulsar switch for Low to High transition
  - Capacitive Type, Inductive Type & Photo pickup Type Proximity Switch.
  - High output is 24V dc & Low output is 0V.

- On-board application
  - RYB Pilot Lamp, Relay, Buzzer, DC Motor.
  - 24V DC supply in built
  - 230V AC power socket with On/Off Switch

- All input & output are terminated in 2mm connector & should provide 2mm banana cable for experiments.

Range of Experiments

- Study of NO, NC & Coil Operation
- Study of Interlock Operation
- Study of Latch Operation
- Study of Set & Reset Operation
- Study of Rising & Falling Edge Operation
- Study of Timer & Counter Operation
- Study of Right & Left Shift Operation
- Study of Addition, Subtraction, Multiplication & Division Operation
- Study of Data Move Operation

Note : Specifications & Photos can be altered without notice in our constant efforts for improvement.

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