



OR



DIGITAL SENSOR MODULE (SAP-36A)

Technical Specification: -

No.	Technical Specifications
1	Digital Sensors mounted on a PVC/ACRYLIC /Aluminum/MS Support structure board.
2	Different type of sensors with operations.
3	Different type of Switches & its operations.
4	Types of Sensors: Inductive Proximity (M12, M18, MAGNETIC), Optical Proximity (Through Beam Transmitter & Receiver, Retro-reflective, Diffused Reflective), Fiber Optic Sensor (Diffused Reflective/Through Beam), Amplifier for Fiber Optic Sensor, Capacitive Proximity Sensor, Ultrasonic Proximity Sensor, Reed Switch, Micro limit switch, Push Buttons, etc
5	Digital Multimeter
6	Digital Vernier Caliper: 0- 150 mm
7	DC Motor with Speed/frequency control Drive
8	Digital Counter Unit with Display
9	Steel Ruler- 1000 mm
10	Distribution Unit with Power Supply, Banana Sockets
11	Test points for connection to PLC/Controller

Range of Experiments-

- ❖ Study Of different DIGITAL SENSORS & SWITCHES.
- ❖ Study the properties and response of Digital Sensors.
- ❖ Drive module rotation measurement of rotary drive using counter unit
- ❖ Measurement of current ratio variation on load variation with multimeter
- ❖ Speed/frequency measurement of Rotary drive module

SAP E & C DIGITAL SENSOR MODULE
(PRODUCT CODE: SAP – 36A)



Features: -

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Training Manuals, Mimic Charts for Operation Ease.
- ❖ Inbuilt Safety Measures to avoid improper usage

Services Required-

- ❖ Electric Supply of 1 ϕ 230 VAC, 6A, 50Hz.

System Dimension: Approx. 2.25 Ft. (L) X 1.125 Ft. (W) X 2.5 Ft. (H)

Weight: Approx. 30Kg

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.

