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





# 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

For More Details Visit Our Website At: <u>www.sapengineers.com</u>, <u>www.sapengineers.co.in</u> E-mail:- <u>sales@sapengineers.com</u> SAP Engineers & Consultants, Kothrud, Pune-411 038, India. Ph-(020)25384737

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### 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 1φ 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.

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