

SAP E&C STUDY OF STEPPER MOTOR POSITION CONTROL MODULE (SAP -37)



Setup for stepper motor position Control Module gives an idea regarding the application of Stepper Motor Position Control Module in Industrial environment.



System specifications:

- ❖ Stepper Motor: - Permanent Magnet D.C., two phase Bifilar wound.
- ❖ Step Angle:- 1.8° +/- 5% Non-cumulative
- ❖ Step/Revolutions:- 200.

Features:

- ❖ No burn out due to locked rotor.
- ❖ Holds on to the position infinitely in static condition.
- ❖ Step Selection, speed setting. Speed can be varied over a wide margin from 0-10,000 steps/sec. Equivalent to 0-3000 RPM.
- ❖ Stand alone operation with built in clock.
- ❖ Custom speed profile can be implemented.
- ❖ Auto/Manual Facility.
- ❖ Direction Selection Facility.
- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Training Manuals for Operation Ease.

Services Required: Single Phase 230 VAC 50 Hz Supply.

Range Of Experiments:

- ❖ Study of Stepper Motor position Control Application Module.

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.

Manufactured / Marketed by

SAP ENGINEERS AND CONSULTANTS



Regd. Off. : Shop No. 26, 27 Srushti, S. No. 82/11+12++33+34,
Eklavya Clg Rd (D. P. Road), Kothrud, Pune- 38

Telephone : (020) 25384737

Mobile : (+91) 9422088946, 9552475082

Fax : (020) 25383544

Email : pravinsdeode@vsnl.net

Website : www.sapengineers.com / www.sapengineers.co.in