



The Setup for Rotary Encoder (52347) gives an idea regarding the application of Optical Rotary Encoders.

Features

- Compact Ergonomic Design.
- User Friendly, Self Explanatory Systems.
- Robust Construction.
- Enhanced Electrical Safety Considerations.
- Training Manuals for Operation Ease.
- Inbuilt Safety Measures to avoid improper usage.
- Provision to give angular displacement to the encoder shaft.
- Compatible with Analog PLC Trainer.

Experiments

- Study of Optical Rotary Encoder

Services Required

- Electric Supply: 1 ϕ 230 VAC

System Dimensions- 1Ft. (L) X 1Ft. (W) X 1 Ft. (H)

Technical Specification		
No.	Item Name	Technical Specifications
1	Encoder	Shaft encoder with pointer. Channels, R = ABZ/Q = AB/A = A, PPR: 360, Shaft ϕ d: 10mm, Connection Location: EG= End Gland.
2	Speed Indicator	Supply Voltage: 1 ϕ 230VAC, Input: From Encoder (360 PPR) Mounting: Flush on Panel front. Display: 7 segment Red LED display for speed measurement of shaft of DC Motor.
3	DC Motor	Supply Voltage: 12 VDC, Speed: 1000 RPM, Torque: 1/2 Kg.
4	Angle Indicator	Type: DI360, Input: From Encoder (360PPR), Angle:0-360 & 360-0 Degree, Supply: 1 ϕ 230V AC, Resolution: 1 $^\circ$, Cut out size: 92 X 92, 3 1/2 digital display

Note: Specifications are subject to change.

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