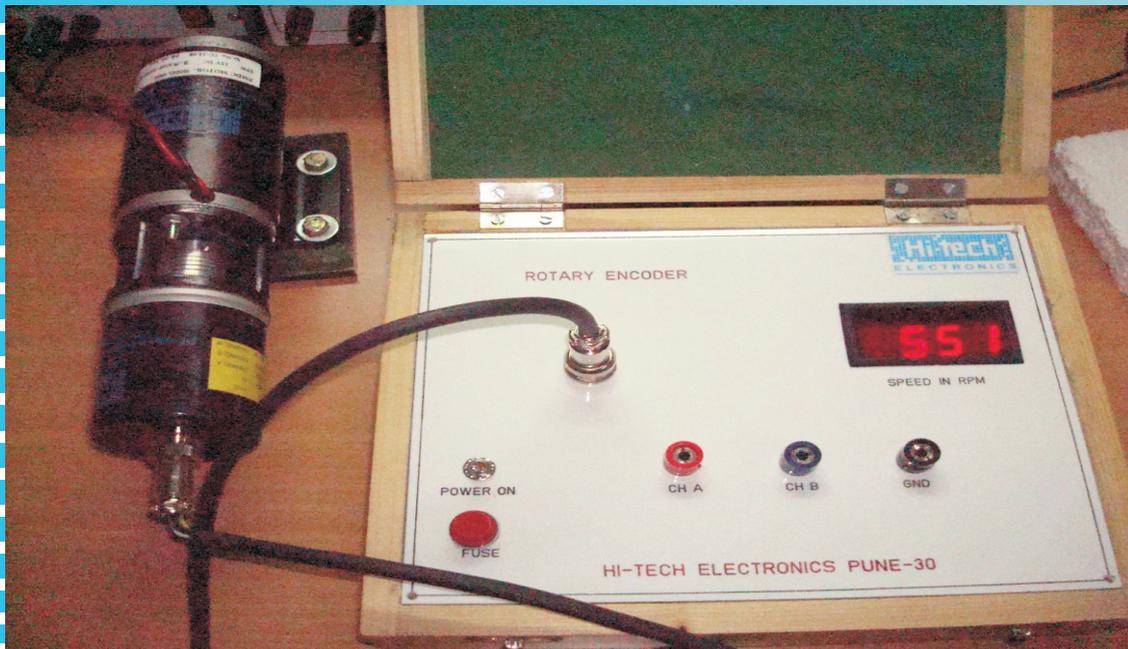


ROTARY ENCODER

A Friend in Need



SALIENT FEATURES:

Rotary Encoder: Study system demonstrates the principle and working of a specialized dedicated transducer known as Rotary Encoder and also shows its application as angular position measurement and speed measurement. The rotary encoder is coupled to a dual shaft motor, variable source for varying the speed, position measurement and rpm instrumentation circuit and digital readout are all enclosed in a specially designed user friendly elegant power coated metal cabinet with intelligently designed circuit layout on imported acrylic front panel, are source of its other important features.

TECHNICAL SPECIFICATIONS:

Specifications of DC Motors:

Type: Permanent Magnet
Supply Voltage: 12V DC
Speed: 3000 RPM

Specifications of Shaft Encoders:

Type: Incremental, 100PPR (pulses per revolution)
Supply Voltage: 12V
Sensor: Optical contact less
Transmitter/Receiver: Infra Red LED/ Photo Transistor
Test points: Multicolored test points are provided to observe the waveforms and voltages.

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