

Product Name :
Linear, Angular and LDR Measurement Transducer Trainer

Product Code :
NLAB-ELECTRONICSAB110008



Description :

Linear, Angular and LDR Measurement Transducer Trainer

Technical Specification :

Study of Linear Displacement Measurement Using Resistive Transducer (LDR)

TECHNICAL SPECIFICATIONS:

Power Supplies:

DC Dual Power Supply IC Regulated +12V DC, 150mA.

DC Power Supply IC Regulated +5V DC, 150mA.

DC Power Supply IC Regulated 0-12V DC, 150mA.

Operated on Mains power 230V, 50Hz +10%

Digital Meters:

Voltmeter 200mV (Distance in mV)

Components are mounted on the panels are:

Resistors

Capacitors

IC 741

Variable Resistor For Gain and Zero Setting

Differential Amplifier With Feedback

Lead Compensation System

O/P Provided On Test Points for Monitoring & Controlling.

LDR Sensor Mounted on External Base with Output Carrying out through 2mm Connector.

Linear Potentiometer as Sensor mounted on board with scale printed on board.

Rotary Potentiometer as Sensor mounted on board with scale printed on board.

SALIENT FEATURES:

Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.

Instruction manual.

Connections are brought out through 2mm Colored Sockets.

Patch Cords 2mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x8"

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