

Product Name :
Electrical Pulse Width Modulation Fault Trainer

Product Code :
NLAB-ENGINEERINGLB38004



Description :

Electrical Pulse Width Modulation Fault Trainer

Technical Specification :

Electrical Pulse Width Modulation Fault Trainer

The Electrical PWM Fault Trainer is designed to introduce the concepts of Electrical Fundamentals, Pulse Width Modulation (PWM) Actuator Control, and Fault Diagnosis. The Electrical PWM Fault Trainer is compact, self-contained, and provides a PWM output to view the signal on an oscilloscope.

The Electrical PWM Fault Trainer contains the following components and capabilities:

- Power Supply providing 12VDC
- Four different value electrical loads
- ON/OFF Switch W/ LED indicator
- Banana Jacks for making wiring connections
- Connector wires in three colors

Auxiliary Jacks for testing external components

Ground Jack

Fuse for Circuit/Device Protection

Four-position switch for inserting faults: (Open, High Resistance, Short to Ground, Short to Voltage)

Faulted/Non Faulted Switch

PWM (Duty Cycle) Output Control Knob

High/Low Frequency Selector Switch

PWM Output Jack

Optional Submounts available

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