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Product Name :

Potentiometer Module, 1 Kohm

Product Code :

SLE/PHY/81



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Description :

Potentiometer Module, 1 Kohm (Product Code: SLE/PHY/81) is a 1 k? rotary linear potentiometer mounted on a channel box, used as a variable resistor or adjustable voltage divider in school electricity and electronics circuits. Connections are made through 4 mm sockets, and a fast-blow fuse protects the module when students connect it wrongly. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, and supplied to physics labs and dealers.

Specifications

Parameter	Detail
Resistance value	1 k? (the module is offered in a choice of values)
Potentiometer type	Rotary, linear
Mounting	Channel box
Connections	4 mm sockets
Protection	Fast-blow fuse against wrong connection by students
Product code	SLE/PHY/81
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Potentiometer Module Used For?

Wired with two of its sockets, the module acts as a variable resistor that dims a lamp or LED as the knob turns. Using all three sockets across a low-voltage supply, it becomes a voltage divider that gives a smoothly adjustable output, which students can measure with a voltmeter while they vary the load in Ohm law experiment kit set-ups.

Because the track is linear, equal turns of the knob give roughly equal changes in resistance, so students can relate knob position to the reading they see. If the module stops working after a wiring mistake, check the fast-blow fuse first. Keep supply voltages low and switch off before changing connections.

What to Specify When Ordering

- Resistance value — 1 k? for this listing, or another value from the range
- Number of modules for the class
- Spare fuses, and the fuse rating to be confirmed with us
- Leads with 4 mm plugs if your lab does not already have them

Manufacturer

This potentiometer module is manufactured by Jain Scientific Equipments Private Limited, the company behind the ScienceLab name, as part of its range of plug-in circuit modules and physics instruments for schools and colleges. Orders can combine modules of different values with mete

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