Product name:	Product code:
Inductive Proximity Sensor Training Kit	CMI-NP-1966



Description

Training kit with PNP and NPN inductive proximity sensors, metallic target plates and indicator lamps for studying sensing range, hysteresis and switching behaviour of non-contact metal detectors.

Technical specification

Indication	LED and relay
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Inductive Proximity Sensor Training Kit is designed for ITI, polytechnic and TVET laboratories. Students measure sensing distance for different metals and learn how inductive sensors are wired to relays and PLC inputs.

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Features

- M12 inductive sensor with PNP and NPN types
- Interchangeable steel, brass, aluminium and copper targets
- Micrometer type target positioning slide
- LED output indication with relay load
- Sensing range and hysteresis experiments

Technical Specifications

Sensor Type	M12 inductive, PNP and NPN
Nominal Sensing Distance	4 mm
Target Materials	Steel, brass, aluminium, copper
Output	24 V DC, 200 mA
Target Positioning	0-10 mm micrometer slide