| Product name: | Product code: |
| --- | --- |
| Capacitive Proximity Sensor Training Kit | CMI-NP-1963 |




## Description

Trainer for capacitive proximity switches that detect metals, plastics, liquids and powders. Allows adjustment of sensitivity and study of detection distance for different dielectric materials.

## Technical specification

| | |
|---|---|
| Positioning Scale | 0-15 mm |
| 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 Capacitive Proximity Sensor Training Kit is designed for ITI, polytechnic and TVET laboratories. The kit demonstrates how capacitive sensors respond to material dielectric constant and how they are used for level and presence detection.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

**Features**

- M18 capacitive sensor with sensitivity adjuster
- Test samples of plastic, wood, glass, water and metal
- Adjustable sample holder with scale
- 24 V DC regulated supply built in
- Output indication through LED and buzzer

**Technical Specifications**

| | |
|---|---|
| Sensor Type | M18 capacitive, PNP NO |
| Nominal Sensing Distance | 8 mm, adjustable |
| Test Materials | Plastic, wood, glass, water, metal |
| Supply Voltage | 10-30 V DC |
| Output Current | 200 mA max |