



## SENSORS STUDY CASE

Easily and quickly discover different sensor technologies with this simple and intuitive toolkit.  
 Ideal for introducing your students to the world in a clear and fast way!

This model presents the different sensor technologies (inductive, capacitive, etc.) as well as the different output types (on/off, analog). It highlights their differences, allowing students to identify a sensor based on an installation and the expected result.

The various sensors are integrated on the underside of the case.  
 Safely wired using 4mm terminals (cables provided).  
 Component identification information and other technical specifications are silkscreened on the sides. The operating voltage is 24VDC, allowing for the safe measurement of physical quantities.

## EDUCATIONAL OBJECTIVES

- Discover different sensor technologies
- Discover signal types
- Understand how sensors interact with an installation
- Create wiring
- Test sensors under different conditions

## Practical works supplied

- Component identification
- Wiring diagram creation
- Component wiring
- Sensor testing
- Displaying a discrete signal
- Displaying a 0-10V signal
- Converting a 4-20mA signal

## MODEL COMPOSITION

- 2 Mechanical Limit Switches
- Inductive Sensor
- Capacitive Sensor
- Photoelectric Sensor
- PT100 Probe
- 4-20mA Transmitter
- 1 Analog Position Sensor – 80mm Travel
- 1 0-30VDC Voltmeter
- 1 500 Ohm Shunt Resistor
- 1 4-20mA Display
- 1 24VDC Indicator Light
- 24VDC Power Supply
- 10VDC Power Supply



ref. VAL-CAPT

DELIVERED WIRED AND SET

TEACHING RESSOURCES  
STUDENTS / TEACHER

Carrying case with ergonomic handle.  
 Dimensions: 534 x 374 x 190mm.  
 Powered by 230V-2P+E power cord.

