

Product Name :
Training Kit for Principles of Industrial Sensors

Product Code :
ELABHTOOLSUK480002



Description :

Training Kit for Principles of Industrial Sensors

Technical Specification :

This training kit can be used to investigate a selection of different sensor types commonly used in industrial automation: optical, capacitive and inductive proximity switches to record displacement and proximity.

These sensors are mounted on a base plate with the relevant accessories.

The trigger distance is determined by moving the sensor holder. The base plate is provided with a scale for this purpose.

A separate supply unit powers the sensors and displays the switching state by way of light-emitting diodes.

Training kit for familiarization with position and displacement sensors

Base plate with scale

Sensor supply unit with 4 light-emitting diodes

Sensors mounted on adjustable fixture

5 measuring plates, l x w: 145 x 70 mm (aluminium sheet d=2mm smooth, black; steel sheet d=2mm textured, matt black; steel sheet d=2mm smooth, silver; plexiglas plate d=5mm transparent; plastic plate d=5mm smooth, white) and gauge screw 0...25mm

Sensors: reflex photo electric barrier pnp dark-switching, light guide pnp dark-switching, reflex photoelectric proximity switch pnp light-switching, 5...150mm photoelectric proximity switch: pnp, light-switching, inductive proximity

switch: pnp, NO contact, capacitive proximity switch: NO contact 1...8mm, limit switch: 1 NO contact, 1 NC contact, reed contact with switching distance 5mm, max. 1W at 24V

Power supply output voltage 1.5...12VDC, graduated.

Output current 500mA. Connections 230V, 50Hz, 1 phase

All mountings and components housed in aluminium storage case.

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers