

PROXIMITY TEST MODULE

Model Number : GOTT-MSFSS-PTM8



DESCRIPTION

This Module has been designed to teach techniques to detect the proximity of objects, focusing on the distance at which each sensor is able to detect the object and the type of material it can detect. In the upper part there is a revolving disc on which the objects to be detected are placed. All sensors are situated in front of the disc on walls perpendicular to the disc, so that when the disc turns with an object on it, it will pass in front of each of the module sensors. A dc motor moves the disc at different speeds, which allows studying the maximum frequency the sensor is able to detect.

Elements included in the module: Proximity capacitive sensor, Hall effect sensor, Retro-reflective optical sensor, Infrared transmission sensor,, Motor DC, Conduction sensor, Inductive sensor and Ultrasonic sensor.

PRODUCT MODULES

SINGLE PHASE AC POWER SUPPLY

CODE
967-004

DC POWER SUPPLY

CODE
955-124

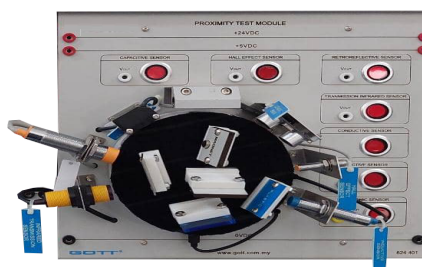
PROXIMITY TEST MODULE

CODE
624-401

- Input: AC220V~240V



- Input voltage: AC220-240V
- Output Voltage:
 - +24VDC/2A
 - +12VDC/7A
 - +5VDC/7A



- Capacitive Sensor
- Hall Effect Sensor
- Retro reflective Sensor
- Infra Red Sensor
- Conductive Sensor
- Inductive Sensor
- Ultrasonic Sensor

EXPERIMENT TOPICS

- Experiment 1: Capacitive sensor to detect metal obstacle
- Experiment 2: Hall effect sensor detect magnetic obstacle.
- Experiment 3: Retroreflective optical sensor detect obstacle
- Experiment 4: Infrared sensor detect obstacle.
- Experiment 5: Conduction sensor detect obstacle.
- Experiment 6: Inductive sensor detect obstacle.
- Experiment 7: Ultrasonic sensor detect obstacle.

Manuals :

- (1) All manuals are written in English.
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 Years

ORDERING INFORMATION :

ITEM	MODELNUMBER	CODE
PROXIMITY TEST MODULE	GOTT-MSFSS-PTM8	624-807

* Proposed design only, subject to changes without any notice.