

# LIQUID LEVEL TEST MODULE

Model Number : GOTT-MSFSS-LLTM6



## DESCRIPTION

The Liquid Level Test Module has been designed to teach the use and applications of level sensors and their measurement systems. This module teaches techniques to measure and control the liquid level in a tank. On this there is a two tanks system whose aim is to pump the liquid between both tanks. Both tanks have sensors of different technology to study the level measurement sensors. Each tank has an individual pump. Sensors used are capacitive level sensor, float level switches with potentiometer, conductive sensor, magnetic float level sensor and optical level sensor.

## EXPERIMENT TOPICS

- Experiment 1: Capacitive Level Sensor
- Experiment 2: Pressure Level Sensor
- Experiment 3: Float Level Switches with Potentiometer
- Experiment 4: Conduction Sensor
- Experiment 5: Magnetic Float Level Sensor
- Experiment 6: Optical Level Sensor
- Experiment 7: Water Level Control

PRODUCT MODULES							
<b>SINGLE PHASE AC POWER SUPPLY</b> <b>CODE 967-004</b> <ul style="list-style-type: none"> <li>Input: AC220V~240V</li> </ul> 	<b>DC POWER SUPPLY</b> <b>CODE 955-124</b> <ul style="list-style-type: none"> <li>Input voltage: AC220-240V</li> <li>Output Voltage:                             <ul style="list-style-type: none"> <li>+24VDC/2A</li> <li>+12VDC/7A</li> <li>+5VDC/7A</li> </ul> </li> </ul> 	<b>CONDUCTIVE SENSOR</b> <b>CODE 382-002</b> <ul style="list-style-type: none"> <li>Input 220-240 VAC</li> <li>2 NO NC</li> </ul> 	<b>WATER LEVEL CONTROLLER</b> <b>CODE 012-013</b> <ul style="list-style-type: none"> <li>Input 220-240 VAC</li> <li>Sensor Input</li> </ul> 				
<b>CAPACITIVE LEVEL SENSOR</b> <b>CODE 624-206</b> <ul style="list-style-type: none"> <li>Input 220-240 VAC</li> <li>Sensor Input</li> </ul> 	<b>DIMMER SWITCH</b> <b>CODE 588-054</b> <ul style="list-style-type: none"> <li>Input 220-240 VAC</li> <li>Quantity of 2</li> </ul> 	<b>MAGNETIC FLOAT LEVEL SENSOR</b> <b>CODE 624-204</b> <ul style="list-style-type: none"> <li>24 VDC</li> <li>Magnetic Float Level Sensor</li> </ul> 	<b>OPTICAL LEVEL SENSOR</b> <b>CODE 624-203</b> <ul style="list-style-type: none"> <li>24 VDC</li> <li>Optical Level Sensor</li> </ul> 				
<b>3-FOLD RELAY</b> <b>CODE 013-030</b> <ul style="list-style-type: none"> <li>24 VDC</li> <li>3 Fold Relay</li> </ul> 	<b>FLOAT LEVEL SWITCHES WITH POTENTIOMETER</b> <b>CODE 624-205</b> <ul style="list-style-type: none"> <li>24 VDC</li> <li>Float Level Switches</li> </ul> 	<b>TANK 1&amp;2</b> <b>CODE 624-206</b> <ul style="list-style-type: none"> <li>Tank Storage 1</li> <li>Tank Storage 2</li> </ul> 					

### Manuals :

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

### ORDERING INFORMATION :

### 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

ITEM	MODELNUMBER	CODE
LIQUID LEVEL TEST MODULE	GOTT-MSFSS-LLTM6	624-805

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