

FLOW TEST MODULE

Model Number : GOTT-MSFSS-FTM4



DESCRIPTION

The objective this module is to show techniques to measure changeable fluids. The module is made up of two tanks assembled on a structure. In one of them there is a pumping system that allows to pump the water from the reserve tank, using a measurement transducer system, and to return it to the main tank. The pump enables that a big amount of water from the tank flows between the reserve tank and the main one. It is possible to change the flow volume by changing the pump power supply voltage using the terminals placed on the front panel.

This module has: water flow meter, water flow switch, pressure sensor, water flow sensor, water differential pressure sensor, water tank and underwater pump.

PRODUCT MODULES

<p>MAINS POWER SUPPLY CODE 452-026</p> <ul style="list-style-type: none"> Input voltage: AC220-240V 	<p>DC POWER SUPPLY CODE 955-124</p> <ul style="list-style-type: none"> Input voltage: AC220-240V Output Voltage: <ul style="list-style-type: none"> +24VDC/2A +12VDC/7A +5VDC/7A 	<p>WATER FLOW METER CODE 624-871</p> <ul style="list-style-type: none"> Black Adjustable Knob 0.1-1 GPM Panel Type Water Flow Range : 0-4 l/min 	<p>WATER FLOW SWITCH CODE 624-872</p> <ul style="list-style-type: none"> 'Gazechimp G1/2" Flow Switch Water Heater Flowmeter Counter ON/OFF Switch Valve 20mm 'AC240V Contact : NO Water flow: 1.0L/min 
<p>PRESSURE SENSOR CODE 624-873</p> <ul style="list-style-type: none"> Mini Pressure Transducer Sender Sensor Stainless Steel For Oil Fuel Air Water (30 Psi) Range : 0 to 30 psi Voltage: DC 5V 	<p>WATER FLOW SENSOR CODE 624-874</p> <ul style="list-style-type: none"> Power Supply : DC 5V Range : 1-5L/min Working voltage: DC 5V-24V 	<p>WATER DIFFERENTIAL PRESSURE SENSOR CODE 624-875</p> <ul style="list-style-type: none"> Pressure range: 0kPa-100kPa Power supply: ≤2.0mA DC; ≤10V DC 	<p>WATER TANK CODE 624-876</p> <ul style="list-style-type: none"> Diameter: 195mm Height: 500mm 
<p>T-JOINT CODE 624-877</p> <ul style="list-style-type: none"> Standard banana 4mm 	<p>UNDERWATER PUMP CODE 624-874</p> <ul style="list-style-type: none"> Super Submersible Pump AC220V 50Hz 60W Flowrate : 10 l/min (600l/H) 	<p>EXPERIMENT TOPICS</p> <ul style="list-style-type: none"> Study the function of water flow meter. To measure the water flow rate generated by an underwater pump using a water flow meter of changeable area. Study the function of water flow switch To use the water flow switch to detect the water flow Study the function of the water flow sensor. To measure the output signal produced by an underwater pump using the water flow sensor. Study the function of the pressure sensor. To use the pressure sensor to measure the output voltage of different liquid level in the water tank. Study the function of water differential pressure sensor. To measure the output voltage of water differential pressure sensor. 	

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	MODEL NUMBER	CODE
FLOW TEST MODULE	GOTT-MSFSS-FTM4	624-803

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