

DF9GGI F9'H9GH'AC8I @

Model Number : ÖUVVË ÙØÙËÛT H







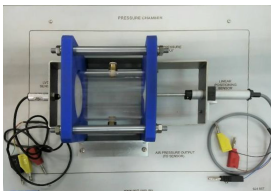

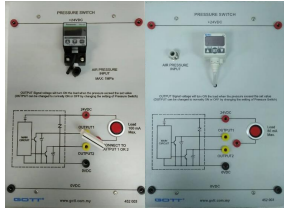

DESCRIPTION

The Pressure Test Module has been designed to teach the use and applications of this kind of sensors measurement systems. It shows the different pressure measurement techniques. On the left upper side of the module there is a pressure chamber with several sensors adjusted to measure the pressure changes inside the chamber. Next to the pressure chamber on the left side there is a relay activates a compressor that gives the system pressure. There are a compressor and a manometer connected next to the regulating valve with which the pressure chamber maximum pressure can be adjusted. On both sides of the pressure chamber there are two diaphragms where displacement sensors are connected and some strain gauges that detect the diaphragm distortion as the pressure rises. Consists of Sensors: Linear positioning sensor ,LVDT sensor, Air Differential pressure, Strain gauges and pressure switch sensor.

EXPERIMENT TOPICS

- Use of Linear Positioning Sensor
- LVDT Sensor
- Study the function of air differential pressure sensor
- Study how to use strain gauges for measuring deformations.

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>RESISTANCE CODE 624-8</p> <ul style="list-style-type: none"> • Resistance: 0-5K OHM • Output: 0-5VDC • Power supply: 10-16VDC 	<p>RESISTANCE CODE 624-8</p> <ul style="list-style-type: none"> • Resistance: 0-5K OHM • Output: 0-5VDC • Power supply: 10-16VDC 
<p>0-150 psi (0-10 bar) CODE 624-</p> 	<p>DC Voltmeter LCD CODE 624-8</p> <ul style="list-style-type: none"> • Power supply: ≤2.0mADC; ≤10VDC • Pressure range: 0kPa-200kPa • DC Voltmeter LCD 	<p>5pcs/lot high precision strain gauge strain gauge gage full weight sensor pressure sensor" CODE 8</p> 	<p>Maximum pressure: 16kPa (2psi) CODE 624-8</p> <ul style="list-style-type: none"> • Maximum pressure: 16kPa (2psi) • LVDT Sensor • Linear Positioning Sensor 
<p>T-JOINT CODE 624-858</p> <ul style="list-style-type: none"> • Standard Banana 4mm 	<p>LVDT SENSOR CODE 624-811</p> <ul style="list-style-type: none"> • Range: 0-5MM • Output: 0-5VDC • Power supply: 0-5VDC 	<p>PRESSURE SWITCH (BLACK AND WHITE) CODE 452-003</p> <ul style="list-style-type: none"> • Maximum pressure input 1MPa 	<p>AIR COMPRESSOR CODE 624-851</p> <ul style="list-style-type: none"> • COIDO 12VDC Tire Inflator 10A 

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
PRESSURE TEST MODULE	GOTT-MSFSS-PTM3	624-802

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