

SENSOR AND TRANSDUCER TRAINING KIT

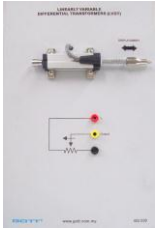
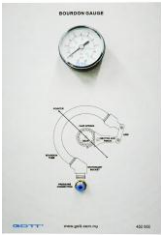


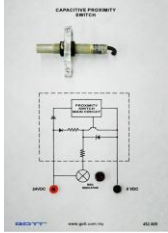
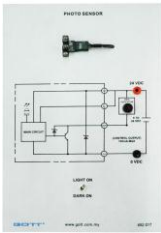


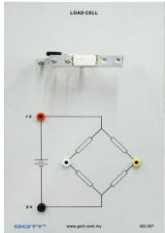
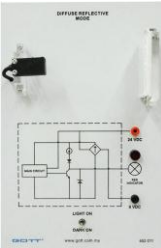
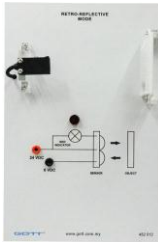

Model Number: GOTT-SNTT-2453

**DESCRIPTIONS**

The Sensor and Transducer Training Kit is designed for the study of sensor application in industry. For Example Electrical beam sensor, Proximity sensor, strain gauge, Pressure sensor, Temperature sensor & Photo sensor and Controller. It acts as a signal receiver from the sensors and transformed to control other system process.


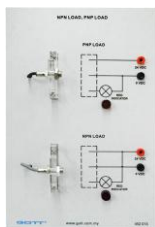


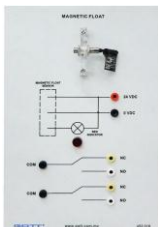









It is designed on the panel system concept, easy to use for experiments. The size of module panel is designed according to DIN standard. The front plate of module is made of Uma board. Its components are made of strong material and high insulation. All connection points are via safety socket. The back cover of module panel is made of ABS plastic. Except for module panel with heat generator, is made of metal. The symbol of each component is engraved on the front plate of module panel and combined with the ROD press-in socket type. The two levels of panel frame is made by aluminum with coated anodize for strong construction.

PRODUCT MODULES

LINEAR VARIABLE DIFFERENTIAL TRANSFORMER	CODE 452-001	BOURDON GAUGE	CODE 452-002	TEMPERATURE SENSOR	CODE 452-005	ULTRASONIC & HUMIDITY SENSOR	CODE 452-006
Size : 67mm Resistance : 1 k ohm		Range : 0 ~ 10 Kg/cm2, 0 ~ 150psi		Sensor type: TC type K, RTD Pt 100 Input: 240 VAC		Input: 5 VDC	
							
CAPACITIVE PROXIMITY SWITCH	CODE 452-009	PHOTO SENSOR	CODE 452-017	INDUCTIVE PROXIMITY SWITCH	CODE 452-020	PRESSURE SWITCH	CODE 452-003
Input : 24 VDC Load Current : 400 mA Sensing Range : 20 mm		Input: 24 VDC Output type: NPN transistor open – collector		Input : 24 VDC Load Current : 400 mA Sensing Range : 20 mm		Range : -0.2 ~ 7.5 bar, 6 ~ 108 psi Fine setting : -0.2 ~ 7.5 bar, 6 ~ 108 psi	
							
LOAD CELL	CODE 452-007	DIFFUSE REFLECTIVE MODE	CODE 452-011	RETRO-REFLECTIVE MODE	CODE 452-012	THRU-BEAM MODE DETECTOR	CODE 452-013
Input : 10 VDC Output: NPN transistor open – collector Operate With Load Cell Transmitter panel		Input : 24 VDC Output state : Light ON, Dark ON Sensing object : Opaque, Translucent, Transparent		Input : 24 VDC Output state : Light ON, Dark ON Sensing object : Opaque, Translucent, Transparent		Input: 24 VDC Output state : Light ON, Dark ON Sensing object : Opaque Operate with Thru-Beam mode projector panel	
							

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LINEAR SCALE CODE 452-014 Range : 0 ~ 25 mm Adjust fine: 0.01 mm 	NPN LOAD, PNP LOAD CODE 452-015 Input: 24 VDC Output type: NPN, PNP 	DC MILLIAMMETER CODE 452-021 Input : 240 VAC 	LOAD CELL TRANSMITTER CODE 452-008 Input : 5 VDC open – collector Operate with Load Cell module 		
MAGNETIC FLOAT CODE 452-018 Input: 24 VDC Sensor type: Reed switch Operate with Level control panel 	LEVEL CONTROL CODE 452-019 Input: 24 VDC Output type: Relay NO/NC Operate with Magnetic Float panel 	PROCESS CONTROLLER CODE 452-020 Input : 100 ~ 240 VAC Input type: Thermocouple, RTD Output type: Relay NO 	THRU-BEAM MODE PROJECTOR CODE 452-013 Input: 24 VDC Adjust range: -50 to 50 degree Operate with Thru-Beam mode detector panel 		
LOW TEMPERATURE UNIT CODE 452-022 Input: 240 VAC Low temperature : -5degree 	PUMP CODE 452-004 Pressure : 0 ~ 150 psi, 10Kg/cm2 	VERTICAL FRAME CODE 452-023 High Level: Din Standard A4 with two shelves Material: Aluminum Side Frame: T shape Size: 3-Layer 1450mm Length 	THE WEIGHT CODE 452-025 Object size: 10, 50, 100, 150, 200 (gram) 		
SAFETY CONNECTING LEAD CODE 237-001 4mm connecting leads 	EXPERIMENT TOPICS : <ul style="list-style-type: none">Power Supply ConsoleBourdon GaugePressure SwitchTemperature SensorUltrasonic & Humidity SensorLoad Cell & Load Cell TransmitterCapacitive Proximity SensorInductive Proximity SwitchDiffuse Reflective ModeRetro-Reflective ModeThru Beam SensorLinear ScaleNPN Load, PNP LoadPhoto SensorMagnetic FloatLevel ControlDC MilliammeterLow Temperature UnitLVDT (Linear Variable Differential Transformer)			OPTIONAL MODULE: Please refer to page “Motor / Generator / Cut Away Unit” <ul style="list-style-type: none">RPM/ Torque Meter (Code: 609-001)Torque & RPM Sensor (Code: 609-002)	
EXPERIMENT MANUAL CODE 452-029 	Manuals: (1) All manuals are written in English (2) Model Answer (3) Teaching Manuals			General Terms: (1) Accessories will be provided where applicable. (2) Manuals & Training will be provided where applicable. (3) Designs & 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
SENSOR AND TRANSDUCER TRAINING KIT	GOTT-PEAM-379	452-000

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