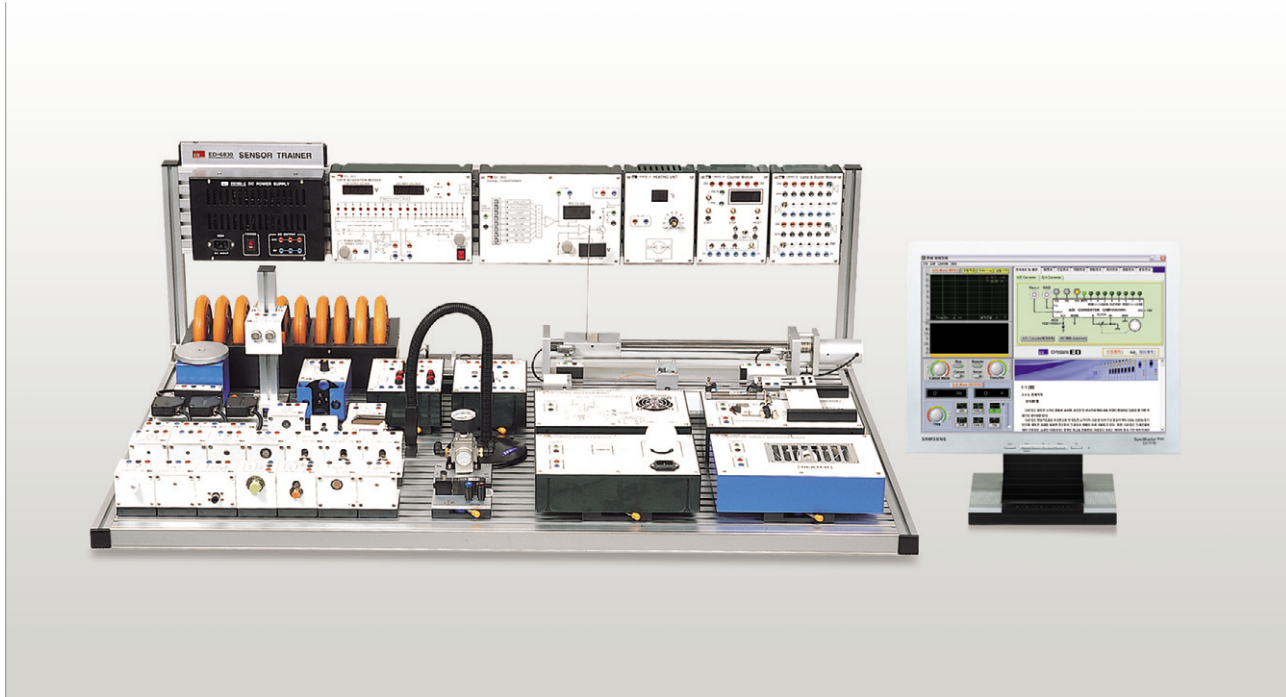


SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

- Integrated sensor training system covering electricity, electronics, automation and chemistry
- Consists of 24 sensor modules, 8 application modules, 5 conversion modules, 2 signal processing modules, 11 pneumatic components and power supply
- PC-based control for convenient, effective data collection and analysis
- Application module experiments(illumination, pneumatic auto cool, motor, temperature) for enhancing field experiences



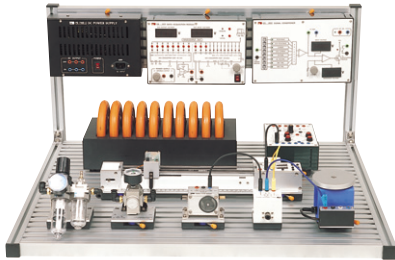
> SYSTEM CONFIGURATION

Signal Processing Module	DAQ, Signal Conditioner	2ea
Sensor Module	1.Mechanical Sensor(4ea) 2.Optical Sensor(6ea) 3.Magnetic Sensor (2ea) 4.Temperature Sensor(4ea) 5.Sound Sensor(2ea) 6.Proximity Sensor (3ea) 7.Chemical Sensor(3ea)	24ea
Conversion Module	Temperature, Distance, Lighting, Chemistry, Acoustic	5ea
Application Module	Amp, Motor Speed Control, Lamp & Buzzer, Counter, Illumination, Pneumatic, Temperature, Motor	8ea
Power Supply	8A, 24V	1ea
Pneumatic Set	Low Pressure Valve and 10 types of pneumatic parts	11ea
Experimental Materials	Test Materials Set, Slide Unit, Load Set, Circuit Link Cable, DMM, Work Table (Including Storage Cabinet)	6ea
Accessories	Experimental Manual : 1ea, Program CD : 1copy Circuit Link Cable : 1set, Serial Cable : 1ea	

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

PART 1. Mechanical Sensor(4ea)



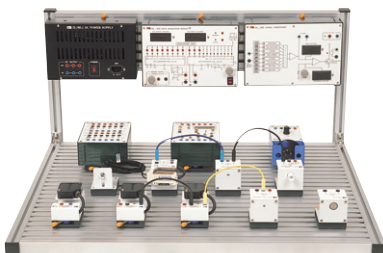
Experiments

- Output characteristics of Pressure Sensor by pressure change
- Output characteristics of Load Cell by load change
- Output characteristics of Acceleration Sensor by acceleration change
- Operation principles of Flow Range Sensor by flow range alteration
- Dynamics and relationship between pressure and load

Main Components

- Data Acquisition Module(ED-6831)
 - » A/D, D/A Converter(built-in)
 - » capable of PC interface by serial communication
- Signal Conditioner(ED-6832) : 8 ranges, output terminals for the application modules
- OP Amp. Module(AM6900-38) : Wheatstone Bridge Circuit(built-in)
- Semiconductor-type Pressure Sensor(PS6830-1) : Voltage output type
- Load Cell(LC6900-30) : Capable of homogeneous load supplies(Plunger)
- Acceleration Sensor Module(AS6830-2) : 1-axis Acceleration Sensor capable of measuring acceleration direction and dimension
- Flow Range Sensor(FS6830-3) : Voltage output type & use of propeller's rotary power
- Load Set(LS6900-32) : 10ea(1kg per load)
- Pneumatic Cylinder(PS-2550) & Pneumatic Set(including Low Pressure Valve)

PART 2. Optical Sensor(6ea)



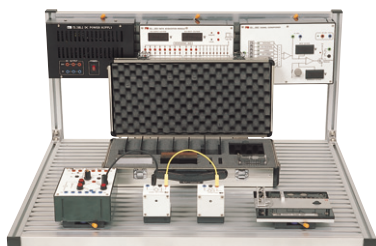
Experiments

- Luminous intensity effects by the changes in the intensity of radiation
- Photoelectric effects by the changes in the intensity of radiation
- Photo-Transistor's characteristics by the changes in the intensity of radiation
- Variation of sensing distance by the color of an detected object
- Comparison of switching frequency of sensors

Main Components

- Data Acquisition Module(ED-6831)
 - » A/D, D/A Converter(built-in)
 - » capable of PC interface by serial communication
- Signal Conditioner(ED-6832) : 8 ranges, output terminals for the application modules
- Optical Conversion Apparatus(OU6830-7) : Changes in the intensity of radiation by D/A output
- Optical Sensor(Anlog Type)(OS6830-4, 5, 6) : CdS, Photo-Diode, Photo-Transistor
- Optical Sensor(On/Off Type)(OS6900-9, 10, 11, 14, 15) : Pervious, Direct Reflective, Optical Fiber
- Lamp & Buzzer Unit(LB6900-35) : NPN/PNP input and simultaneous connection with 4 types of sensor
- Counter Unit(CM6900-36) : Total Counters/Switching Frequency indication
- Motor Speed Controller(Rotary Unit)(MS6900-20) : Speed-variable & sensor-attachable

PART 3. Magnetic sensor(2ea)



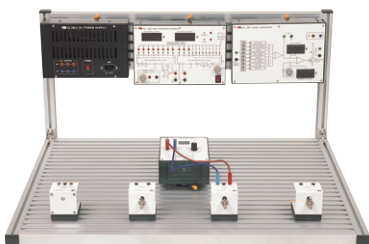
Experiments

- Characteristics of Hall Effect by the magnetic intensity
- Hall Effect by the magnetic change
- Characteristics of Hall IC by the magnetic intensity
- Magnetic pole detection on the magnet

Main Components

- Data Acquisition Module(ED-6831)
 - » A/D, D/A Converter(built-in)
 - » capable of PC interface by serial communication
- Signal Conditioner(ED-6832) : 8 ranges, output terminals for the application modules
- Slide Unit(SU6900-41) : Test materials stand and scale ruler mounted
- Attachable/detachable Vernier Callipers
- Test Materials Set(DS6900-40) : for Hall Sensor & Hall IC experiments
- Hall Sensor(HS6830-8) : Experiments in connection with OP Amp. module
- Hall IC(HS6830-9) : Voltage output type

PART 4. Temperature sensor(4ea)



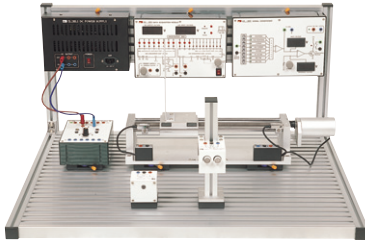
Experiments

- Thermistor(NTC)'s output characteristics by temperature change
- Thermocouple's output characteristics by temperature change
- Pt100's output characteristics by temperature change
- Principles of the Human Body Detection Sensor

Main Components

- Data Acquisition Module(ED-6831)
 - » A/D, D/A Converter(built-in)
 - » capable of PC interface by serial communication
- Signal Conditioner (ED-6832) : 8 ranges, output terminals for the application modules.
- Heating Unit(HU6830-14) : Capable of cooling and heating using the Peltier element attachable to the temperature sensor indication of current temperature
- Thermistor(NTC)(TS6830-10) : NTC 10kΩ
- Thermocouple(TS6830-11) : K-Type, Pt100 (TS6830-12)
- Pyroelectric Sensor(Human Body Detection Sensor) (IS6830-13)

PART 5. Sound Sensor(2ea)



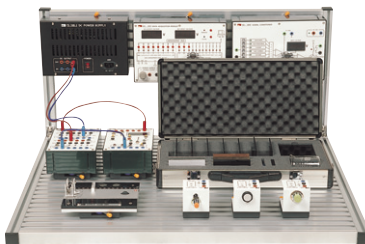
Experiments

- Ultrasonic Sensor's output characteristics by distance change
- Microphone's output characteristics by the variation of sound volume
- Distance sensing principles of the Ultrasonic Sensor

Main Components

- Data Acquisition Module(ED-6831)
 - » A/D, D/A Converter(built-in)
 - » capable of PC interface by serial communication
- Signal Conditioner(ED-6832) : 8 ranges, output terminals for the application modules
- Sound Control Unit(SU6830-25) : Output frequency variation by the D/A Converter's output knob mounted for controlling sound volume
- Motor Control Unit(MC6900-37)
 - » Forward/reverse rotation
 - » Variable motor speed
 - » Limit control input terminal mounted
- Spindle Drive Unit(SD6900-25)
 - » Ball screw type
 - » Magnetic sensor mounted for position control
 - » Test materials stand and guide installation
- Ultrasonic Sensor(US6830-15)
- Microphone(PS6830-16)

PART 6. Proximity Sensor(3ea)



Experiments

- Sensor operations by the types of object being detected
- Sensor's operable distance/repetition measure/hysteresis
- Comparison of switching frequency of sensors

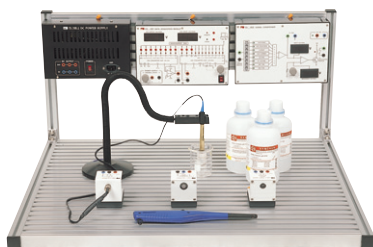
Main Components

- Data Acquisition Module(ED-6831)
 - » A/D, D/A Converter(built-in)
 - » capable of PC interface by serial communication
- Signal Conditioner(ED-6832) : 8 ranges, output terminals for the application modules
- Test Materials Set(DS6900-40) : for Proximity Sensor-related experiments
- Proximity Sensor(PS6900-1, 4, 6) : Inductive Proximity Sensor(M12/M18)
Capacitive Proximity Sensor
- Lamp & Buzzer Unit(LB6900-35) : NPN/PNP input and simultaneous connection with 4 types of sensor
- Counter Unit(CM6900-36) : Total counters/switching frequency indication

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

PART 7. Chemical Sensor(3ea)



Experiments

- Output characteristics of pH Sensor by pH concentration change
- Output characteristics of Gas Sensor for the Influx of gas
- Output characteristics of Humidity Sensor by humidity change

Main Components

- Data Acquisition Module(ED-6831)
 - » A/D, D/A Converter(built-in)
 - » capable of PC interface by serial communication
- Signal Conditioner(ED-6832) : 8 ranges, output terminals for the application modules
- Gas Sensor(GS6830-17) : Voltage output at the time of gas detection
- pH Sensor(PH6830-18) : Voltage variation by pH concentration
- Humidity Sensor(HS6830-19)
- Chemical Conversion Apparatus(CU6830-20) : Gas Volume Control unit pH Stand and pH Solution(4.0, 7.0, 10.0)

PART 8. Application Module A~D(4ea)



Experiments

- Lighting Control(LA6830-21) : Built-in timer
- Pneumatic Automatic Door(PA6830-22) : Pneumatic, SOL V/V in use
- Temperature Control(TA6830-23) : Quartz pipe heater in use
- Motor Control(MA6830-24) : DC fan in use

SIGNAL PROCESSING MODULE(2ea)



ED-6831 DATA ACQUISITION MODULE

- Self DSO Standard
 - » Resolution : 8 Bit
 - » Analog Input Range : 0~12.75V
- Function Generator Module
 - » Generation waveform type : 5 types
(Sine, Sawtooth 2 types, Square, Triangle)
 - » Frequency output range : 2.6~312.5Hz
- DC Voltage Output Module (D/A Converter Output)
 - » Output Level : 0~12.75V
- Dimension : 248(W) x 86(H) x 166(D)mm



ED-6832 SIGNAL CONDITIONER

- Power Source : DC 24V
- Input Voltage Indication : 0~12V
- Reference Voltage Indication : 0~10V
- Characteristics
 - » 8-range selectable for the characteristics of each sensor
 - » Operation of the built-in relay using an output value of sensor
 - » Operation of the motor in large load and SOL V/V using relay output
 - » Built-in Polarity Protection Circuit
- Dimension : 248(W) x 86(H) x 166(D)mm

> SENSOR MODULE(24EA)

MECHANICAL SENSOR(4ea)



LS6900-30 LOAD CELL

- Measuring Range : Max. 50kgf
- Discharging Voltage : 5V
- Dimension : 78(W) x 75(H) x 75(D)mm
- Structured with an even input of outer load



PS6830-1 Semiconductor-type Pressure Sensor

- Measuring Range : 0.1~1bar
- Output Type : Voltage [V]
- Discharging Voltage : DC 24V
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit



AS6830-2 Acceleration Sensor

- Measuring Range : $\pm 2 \sim \pm 1000g$
- Output Type : Voltage [V]
- Discharging Voltage : DC 24V
- Dimension : 200(W) x 50(H) x 70(D)mm
- Built-in Polarity Protection Circuit



FS6830-3 Flow Range Sensor

- Input Pressure Range : 0.1~1bar
- Output Type : Voltage [V]
- Discharging Voltage : DC 24V
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit

OPTICAL SENSOR(6ea)



OS6830-4 CdS

- Output Type : Resistance [Ω]
- Operating Temperature : $-30\sim+70^{\circ}\text{C}$
- Dimension : 60(W) x 84(H) x 75(D)mm



OS6830-5 Photo Diode

- Output Type : Current [μA]
- Discharging Voltage : DC 24V
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit



OS6830-6 Photo Transistor

- Output Type : Current [mA]
- Discharging Voltage : DC 24V
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit



OS6900-9, OS6900-10 Optical Sensor Module(Pervious)

- Power Source : DC 24V
- Response Speed : Less than 1ms
- Consumption Current : Less than 40mA
- Light Source : Infrared LED
- Light Receiving Element : IC built-in Photo Diode
- Sensitivity Adjustment : Built-in VR
- Detectable Distance : 5~10m
- Dimension : 60(W) x 60(H) x 100(D)mm
- Built-in Polarity Protection Circuit



OS6900-11 Optical Sensor Module(Reflective)

- Power Source : DC 24V
- Light Source : Infrared LED
- Switching Distance : 300mm
- Response Speed : Less than 1ms
- Sensitivity Adjustment : Built-in VR
- Operation Identification : LED(mounted)
- Dimension : 60(W) x 60(H) x 100(D)mm
- Built-in Polarity Protection Circuit and Short Prevention Circuit



OS6900-14, OS6900-15 Optical Fiber

- Power Source : DC 24V
- Light Source : Red LED
- Conversion Mode : Light On / Dark On
- Response Speed : Less than 1ms
- Sensitivity Adjustment : Built-in VR
- Operation Identification : LED(mounted)
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit and Short Prevention Circuit

Optical Fiber

- Diameter : $\varnothing 2.2$
- Length : Over 1m
- Response Speed : Less than 1ms
- Allowed Curve Radius : 30r
- Min. Detecting Object : Less than 0.1mm
- Dimension : 60(W) x 75(D) x 84(H)mm

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

MAGNETIC SENSOR(2ea)



HS6830-8 Hall Sensor

- Output Type : Resistance [Ω]
- Discharging Voltage : 5V
- Operating Temperature : $-55\sim+125^{\circ}\text{C}$
- Dimension : 60(W) x 84(H) x 75(D)mm
- Distinction of the magnet's polarity



HS6830-9 Hall IC

- Output Type : Voltage [V]
- Power Source : DC 24V
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit
- Distinction of the magnet's polarity

TEMPERATURE SENSOR(4ea)



TS6830-10 Thermistor

- NTC 10k Ω
- Output Type : Resistance [Ω]
- Operating Temperature : $-20\sim+200^{\circ}\text{C}$
- Dimension : 60(W) x 84(H) x 75(D)mm



TS6830-11 Thermocouple

- Output Type : Voltage [V]
- Power Source : DC 24V
- Dimension : 60(W) x 84(H) x 75(D)mm
- K-type
- Built-in Polarity Protection Circuit



TS6830-12 Pt100(Platinum Sensor)

- Pt100 Ω
- Output Type : Resistance [Ω]
- Dimension : 60(W) x 84(H) x 75(D)mm



IS6830-13 Pyroelectric Sensor

- Power Source : DC 24V
- Rise Time : 100ms
- Active Area : 2x11mm
- Operating Temperature : $-40\sim+60^{\circ}\text{C}$
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit

SOUND SENSOR(2ea)



US6830-15 Ultrasonic Sensor

- Sensing Distance : 1~50cm
- Operating Temperature : $-40\sim+85^{\circ}\text{C}$
- Response Frequency : $40 \pm 1\text{kHz}$
- Output Type : Voltage (V)
- Dimension : 70(W) x 260(H) x 124(D)mm
- Built-in Polarity Protection Circuit



PS6830-16 Microphone

- Output Type : Frequency output by a sound source
- Measuring Range : 20Hz~20kHz
- Dimension : 60(W) x 84(H) x 75(D)mm
- Condenser microphone
- Built-in Polarity Protection Circuit

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

PROXIMITY SENSOR(3ea)



PS6900-1 Inductive Proximity Sensor (M18)

- Power Source : DC 24V
- Switching Distance : About 5mm
- Max. Switching Frequency : 350Hz
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit and Short Prevention Circuit
- Fitted with LED
- Flush type



PS6900-4 Inductive Proximity Sensor (M12)

- Power Source : DC 24V
- Switching Distance : About 4mm
- Max. Switching Frequency : Over 400Hz
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit and Short Prevention Circuit
- Fitted with LED



PS6900-6 Capacitive Proximity Sensor

- Power Source : DC 24V
- Switching Distance : About 8mm
- Max. Switching Frequency : Over 50Hz
- Consumption Current : Less than 15mA
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit and Short Prevention Circuit
- Fitted With LED

CHEMICAL SENSOR(3ea)



GS6830-17 Gas Sensor

- Detectable Gas : LPG, LNG, Methane
- Sensing Range : 500~1000ppm
- Output Type : Voltage [V]
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit



PH6830-18 pH Sensor

- Measuring Range : 0.00~14.00pH
- Operating Temperature : 0~60°C
- Response Time : Less than 10s (90% Response)
- Output Type : Voltage [V]
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit



HS6830-19 Humidity Sensor

- Output Type : Voltage [V]
- Measuring Range : 0~100%
- Dimension : 60(W) x 84(H) x 75(D)mm
- Built-in Polarity Protection Circuit

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

> CONVERSION MODULE(5EA)

HEATING UNIT



HU6830-14 Heating Unit

- Temperature Range : 15~70°C
- Power Source : DC 24V
- Dimension : 124(W) x 86(H) x 166(D)mm
- Thermoelectric Module(Heating, Cooling)
- Capable of linking with each Temperature Sensor module
- Variable temperature control
- Built-in Polarity Protection Circuit

SPINDLE DRIVE UNIT & MOTOR CONTROL MODULE



SD6900-25 Spindle Drive Unit

- Transfer Range : Over 250mm
- Power Source : DC 24V
- Limiter Switch : In use of location detection (left : 1ea, right : 1ea)
- Aluminum Reflector : In use of Ultrasonic Sensor experiments
- Dimension : 554(W) x 295(H) x 100(D)mm
- Terminal mounted for detection of the limiter signal



MC6900-37 Motor Control Module

- Location Controller For SD6900-25 : Speed and direction control
- Power Source : DC 24V
- Dimension : 124(W) x 86(H) x 166(D)mm
- End limit signal terminal mounted to prevent overrun
- Motor voltage output terminal mounted for motor control

OPTICAL CONVERSION APPARATUS



OU6830-7

- Power Source : DC 24V
- Light Source : White transparent ø10 LED
- Dimension : 60(W) x 84(H) x 75(D)mm
- Controllable from PC by the output Signal of ED-6831 D/A Converter
- Built-in Polarity Protection Circuit

SOUND CONTROL UNIT



SU6830-25

- Power Source : DC 24V
- Dimension : 60(W) x 84(H) x 75(D)mm
- Controllable from PC by the output signal of ED-6831 D/A Converter
- Built-in Polarity Protection Circuit

CHEMICAL CONVERSION APPARATUS



CU6830-20 pH Standard Solution

- pH4.0 standard solution 500ml/ 1BT
- pH7.0 standard solution 500ml/ 1BT
- pH10.0 standard solution 500ml/ 1BT
- Measuring Reagent: 3Types



CU6830-20 pH Stand and Gas Volume Controlling Unit

- Flexible stand
- Gas volume adjustable type

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

> APPLICATION MODULE(8EA)

AMPLIFIER MODULE



AM6900-38

- Half/Full Bridge Circuit experiments
- Built-in standard resistance(350Ω)
- Simple wire arrangement using $\phi 4$ terminal
- Amplified signal generation using OP Amp.
- Offset adjustable terminals
- Push Switch(built-in) for selecting the standard resistance at the user's choice
- Dimension : 124(W) x 86(H) x 166(D)mm

MOTOR SPEED CONTROLLER



MS6900-20

- Power Source : DC 24V
- Consumption Current : 200mA
- Dimension : 80(W) x 57(H) x 140(D)mm
- Rotation of the disc with four holes
- Built-in Polarity Protection Circuit and Short Prevention Circuit
- Speed-variable type
- Attachable to Optical Fiber and $\phi 12$ Inductive Sensor
- Clamping device mounted for the profile installation

LAMP & BUZZER MODULE



LB6900-35

- Input Terminal : Over 10ea
- Output Indication : Lamp and Buzzer
- Dimension : 124(W) x 86(H) x 166(D)mm
- Operable upon NPN/PNP signal input
- Composed of plastic extruded box

COUNTER MODULE



CM6900-36

- Power Source : DC 24V
- Indication Digits : 4digits
- Indication Function : Impulse and Imp/s
- Mode Selection : 100pulse, 1000pulse, Ext. Mode
- Indication Conversion Switch : Toggle type
- Dimension : 124(W) x 86(H) x 166(D)mm

APPLICATION MODULE A (LIGHTING CONTROL)



LA6830-21

- Applicable to all sensor modules of ED-6830
- Built-in timer
- AC 220V power source
- DC 24V terminals & control input terminals
- Dimension : 248(W) x 86(H) x 166(D)mm

APPLICATION MODULE B (PNEUMATIC AUTOMATIC DOOR)



PA6830-22

- Applicable to all sensor modules of ED-6830
- Built-in timer
- DC 24V terminals & control input terminals
- Dimension : 248(W) x 86(H) x 166(D)mm

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

APPLICATION MODULE C (TEMPERATURE CONTROL)



TA6830-23

- Applicable to all sensor modules of ED-6830
- Quartz pipe heater in use
- DC 24V terminals & control input terminals
- Dimension : 248(W) x 86(H) x 166(D)mm

APPLICATION MODULE D (MOTOR CONTROL)



MA6830-24

- Applicable to all sensor modules of ED-6830
- DC fan in use
- Control input terminals
- Dimension : 248(W) x 86(H) x 166(D)mm

> PNEUMATIC SET(11EA)

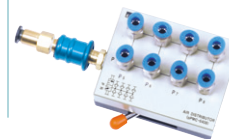
PRESSURE SWITCH



pPES-3006

- Pressure Range : 0~12bar
- Max. Switching Current : 5A
- Contact Output : 1a1b
- Max. Switching Frequency : 3Hz
- Operating Range Setup : By the sensitivity-tuning screw

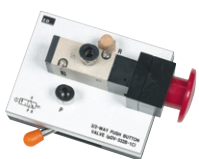
AIR DISTRIBUTOR



pPMC-6408

- Operating Pressure : 0~9bar
- Output Connector Port : 4ea (Check Valve Built-in Type) : $\phi 6$
- Input Connector Port : 1ea : $\phi 6$
- Hand slide valve mounted for open/close

PUSH BUTTON VALVE



pDV-332B-1C

- Operating Pressure : 0.5~10bar
- Direct Drive / Spring Return type
- Normally Close (N.C) type

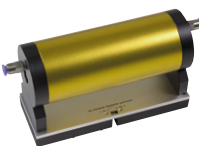
LOW PRESSURE VALVE



pLPR-3206

- Operating Pressure : 0~10kgf/cm²
- Setting Pressure : 0~2kgf/cm²
- Pressure gauge mounted

AIR PRESSURE RESERVOIR



pAPR-0510

- Operating Pressure : 10~15bar(Limiting Pressure)
- Tank Capacity : Over 0.1l
- Input Terminal : Fittings with built-in Check Valve
- Sealed output part

AIR SERVICE UNIT



pASU-10-2

- Operating Pressure : 0~10bar
- Setting Pressure : 0.5~8.5bar
- Composed of Air Filter and Pressure Regulator Valve (Pressure Gauge mounted)
- Auto Drain Valve mounted

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

PNEUMATIC CYLINDER

PS-2550



- Operating Pressure : 0.5~10bar
- Diameter : $\varnothing 25$
- Stroke : 50mm
- Cylinder Output : About 250N(based on 6 bar)

SILENT AIR COMPRESSOR

AC-7808



- Input Voltage : 220V
- Electric Power : 3/4HP
- Tank Capacity : 25l
- Discharge Pressure : 8kgf/cm²
- Setting Pressure : 5~8kgf/cm²

T TYPE CONNECTOR

pCN-3407



- Operating Pressure : 0~9.9kgf/cm²
- Connecting Hose : Inside/outside diameter : $\varnothing 4/\varnothing 6$
- Quantity comprising a set : 10ea
- Connectors for divergence

HOSE CUTTER

HC-3410



- Standard Set Quantity : 1ea
- Parts for cutting the air hose

AIR HOSE

pAH-3406



- Soft nylon In blue color
- Inside/Outside Diameter : $\varnothing 4/\varnothing 6$ -25m
- Quantity comprising a Set : 1set

> POWER SUPPLY

PS-7400-2



- DC 24V Output Terminal : 3 pairs
- Built-in Short Prevention Circuit(Buzzer)
- Maximum Current : 8A
- Dimension : 248(W) x 86(H) x 166(D)mm

> EXPERIMENTAL MATERIALS(6EA)

SLIDE UNIT

SU6900-41



- Slide Distance : 150mm
- Adjustable Angle : $\pm 90^\circ$ Pressure Range
- Dimension : 170(W) x 72(H) x 130(D)mm
- With Vernier Scale

TEST MATERIALS SET

DS6900-40



- Carrying Case : Aluminum material
- Composition : Magnet(2 types), Mild Steel(3 types), Stainless Steel, Aluminum, Plastic(3 types), Rubber, Brass, Beaker, Transparent Board, Board(4 types), Sensitivity-tuning Driver

SENSOR TRAINER FOR FACTORY AUTOMATION

ED-6830

DIGITAL MULTIMETER



CD721

- High accuracy in True rms measurement
- 0.05% basic DC voltage accuracy

LOAD SET



LS6900-32

- 1kg/ea cylinder-type load : 10ea
- Comes with a hard case for storage and transport

CIRCUIT CONNECTION CABLE



CA6830

- Red Color : 800mm : 5ea, 600mm : 5ea, 300mm : 5ea
- Blue Color : 600mm : 5ea, 300mm : 5ea
- Black Color : 800mm : 5ea, 600mm : 5ea, 300mm : 5ea
- Yellow Color : 600mm : 5ea, 300mm : 5ea, 200mm : 5ea

WORK TABLE (INCLUDING STORAGE CABINET)



T683

- Dimension : 1230(W) x 1235(H) x 795(D)mm
- Aluminum Profile
- Trolley with four wheels and drawers for storage