

SENSOR TRAINER

ST-4202



Features

- Designed to understand how to operate sensors
- Showed sensor operation processing by standard detection objects
- Controlling output objects by controller
- Practicing sensor functions by basic PLC commands
- Strong frame by aluminum profile

Technical Specification

High frequency generating proximity sensor	DC column (NPN type) — 1ea
	DC column (PNP type) — 1ea
Capacitive proximity sensor	DC column (NPN type) — 1ea
Photo electric sensor	Direct reflection (column 100mm) — 1ea
	Penetration (Synchronism) — 1ea
	Mirror reflection — 1ea
Infrared photo electric sensor(Limited distance)	1ea
Optical fiber sensor (Direct reflection)	1ea
Photo interrupter(Penetration)	1ea

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Rotary encoder	Incremental type : 60 pulses/rotation — 1ea
	Absolute type : 8 separations — 1ea
Temperature sensor	TC : 2 CH
	RTD : 2 CH
Digital counter	Addition, subtraction function
	Display line: 4 lines
	1 step free set
Tachometer (rotation)	Measuring range 1~99999rpm
Line speed meter	Measuring range : 1~9999m/min
Temperature controller 1	Input sensor : K(CA) type
	Output mode : Relay
	Control mode : ON/OFF, proportional
Temperature controller 2	Double PID
	Control function : ON/OFF
	P. PI.PD. PIDF, PIDS
Sensor controller 2	I/O point : input 11 points, output 8 points
	Toggle switch 4ea, Push button switch 2ea, LED 4ea, lamp 2ea
	RS232C cable
	Control mode : Stored Program, loop operation
	Program : 2048Step
	Memory : RAM/EEPROM
	Input : 11 points, DC 24V nonpolar input
	Output : 8 points, relay contact point output
Power	DC24V 2.1A, *2 short-circuit protection
	DC24V speed control motor(5~60rpm)
Belt system	DC24V CW motor 1ea
Rotation detector	1ea
DC high speed motor(Speed control)	1ea
Temperature controller	Heater 100~200W, Fan, SSR & Relay
Sensor relay and SSR	
Accessories	User manual, Connection cord, PLC commend manual, PLC operation program Communication cable