

# DIGITAL INDICATING CONTROLLERS (STANDARD TYPE)

CODE 0357-□□□

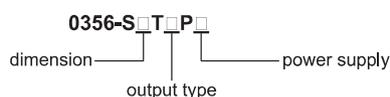
CUSTOMIZABLE

- Suitable for industrial furnaces, electric furnaces, ovens, test equipment, shoe-making machinery, injection molding machinery, packaging machinery, food machinery, printing machinery and other related industries
- Photoelectric isolation between input, output and power terminals
- Dual-screen 4-digit LED digital display
- Fully switchable input for 33 types of signals
- Input deviation correction function
- PID regulation and control function
- Upper and lower limit alarm function
- Control setpoint (SV) setting function



0357-S1T4P1

### Code explanation:



### Code example:

0357-S1T4P1	<b>S1</b> -dimension: 160×80×110mm (cutout size: 152×76mm)
	<b>T4</b> -output type: RS485 communication interface (Modbus RTU)
	<b>P1</b> -power supply: AC100V~240V (50/60Hz)

### SPECIFICATION

<b>Input signal type (switchable)</b>	thermocouple B (400~1800)°C, thermocouple S (0~1600)°C, thermocouple K (0~1300)°C, thermocouple E (0~1000)°C, thermocouple T (-200~400)°C, thermocouple J (0~1200)°C, thermocouple R (0~1600)°C, thermocouple N (0~1300)°C, F2 (700~2000)°C, thermocouple Wre3-25 (0~2300)°C, thermocouple Wre5-26 (0~2300)°C
	thermal resistance Cu50 (-50~150)°C, thermal resistance Cu53 (-50~150)°C, thermal resistance Cu100 (-50~150)°C, thermal resistance PT100 (-200~650)°C, thermal resistance BA1 (-200~600)°C, thermal resistance BA2 (-200~600)°C
	0Ω~500Ω linear resistance (-1999~9999), 0Ω~350Ω remote transmission resistance (-1999~9999), 30Ω~350Ω remote transmission resistance (-1999~9999)
	0mV~20mV (-1999~9999), 0mV~40mV (-1999~9999), 0mV~100mV (-1999~9999), 0mA~20mA (-1999~9999), 0mA~10mA (-1999~9999), 4mA~20mA (-1999~9999), 0V~5V (-1999~9999), 1V~5V (-1999~9999), 0V~10V (-1999~9999), 0mA~10mA square root (-1999~9999), 4mA~20mA square root (-1999~9999), 0V~5V square root (-1999~9999), 1V~5V square root (-1999~9999)
<b>Resolution</b>	0.001/0.01/0.1/1
<b>Accuracy</b>	±0.3%FS
<b>Alarm output</b>	2-limit alarm
<b>Alarm set value</b>	-1999~9999
<b>Alarm hysteresis value</b>	0~9999
<b>Power supply frequency</b>	50Hz/60Hz
<b>Sampling filtering</b>	1~5
<b>Power feeding output</b>	DC24V
<b>PID control output</b>	0.0~100.0
<b>PID Action Mode</b>	direct action/reverse action
<b>Operating environment</b>	temperature: 0°C~50°C, humidity: 5%RH~85%RH (non-condensing)

### DIMENSION

<b>S1</b>	160×80×110mm (cutout size: 152×76mm)
<b>S2</b>	80×160×110mm (cutout size: 76×152mm)
<b>S3</b>	96×96×110mm (cutout size: 92×92mm)
<b>S4</b>	96×48×110mm (cutout size: 92×45mm)
<b>S5</b>	48×96×110mm (cutout size: 45×92mm)
<b>S6</b>	72×72×110mm (cutout size: 68×68mm)
<b>S7</b>	48×48×110mm (cutout size: 45×45mm)

### POWER SUPPLY

<b>P1</b>	AC100V~240V (50/60Hz)
<b>P2</b>	DC12V~36V

### OUTPUT TYPE

<b>T1 (switchable)</b>	4mA~20mA (RL≤500Ω) 0mA~10mA (RL≤1kΩ) 0mA~20mA (RL≤500Ω)
<b>T2 (switchable)</b>	1V~5V (RL≥250kΩ) 0V~5V (RL≥250kΩ)
<b>T3</b>	0V~10V (RL≥4kΩ)
<b>T4</b>	RS485 communication interface (Modbus RTU)
<b>T5</b>	relay contact output
<b>T6</b>	single-phase SCR zero-crossing trigger pulse output
<b>T7</b>	solid-state relay drive voltage output