

PCSG01 Signal Generator

Features

- Highly accurate within 0.1% of the DC voltage range for source and measure
- Source and measurement can be performed simultaneously
- Loop power supply function (24VDC)
- Sweep functions that allow 3 types of continuous outputs:
 - > Line out function
 - > Stepping out function
 - > Segmentation output(c/m) function

Applications

- LAB Industrial field
- PLC Process Instrument
- Electric value
- other area's debugging



Product overview

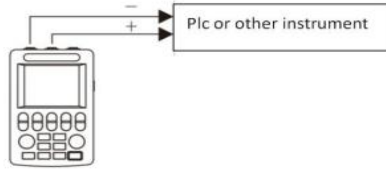
PCSG01 Signal Generator has a multiple signal output and measurement including voltage, current and thermoelectric couple with LCD screen and silicone keypad, simple operation, long service time, high accuracy and programmable output. It is widely used in LAB industrial field, PLC process instrument, electric valves and other area's debugging.

Notes:

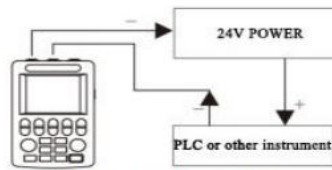
- 1 Do not misuse documentation.
- 2 The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- 3 Complete installation, operation, and maintenance information is provided in the instructions of the product.
- 4 Misuse of the product may cause danger or personal injury.

Technical Indicators

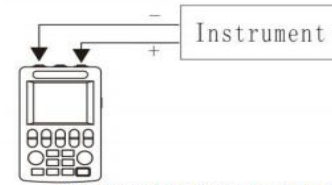
DC voltage	20mV	0.00-24.00mV	±0.2%	0.01mV	Output: max current 30mA measure: input Impedance 1.2MΩ
	100mV	0.0-100.0mV	±0.2%	0.1mV	
	V	Output 0.00-15.00V	±0.2%	0.01V	
		Measure 0.00-30.00V	±0.2%	0.01V	
DC current	mA	0.00-24.00mA	±0.2%	0.01V	Output: max load 750Ω measure: input Impedance 100Ω
	4-20mA	4/8/12/16/20mA	±0.2%	0.01mA	
Passive current	mA	0.00-24.00mA	±0.2%	0.01mA	Output: external Power 16-30V
Power output	24VLOOP	24V/16V	10%	0.1V	Drive Current 24mA
Thermocouple	K	-270-1372°C	±1%	1°C	Output: start from 0°C
	E	-270-1000°C	±1%	1°C	
	J	-210-1200°C	±1%	1°C	
	T	-270-400°C	±1%	1°C	
	R	-50-1768°C	±1%	1°C	
	B	0-1820°C	±1%	1°C	
	S	-50-1768°C	±1%	1°C	
	N	-270-1300°C	±1%	1°C	
Resistance	Ω	15.0-400.0Ω	±0.2%	0.1Ω	
		0.0-400.0Ω	±0.2%	0.1Ω	
The thermal resistance	PT100	-199.9-650.0°C	±0.2%	0.1°C	

1. 4~20mA/TC output:


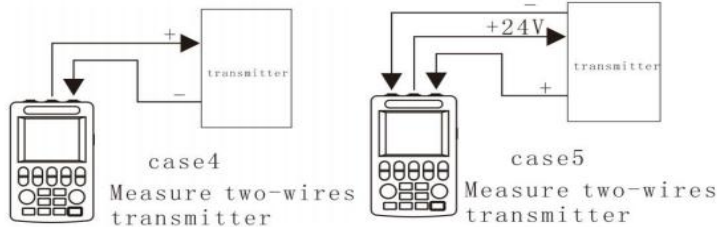
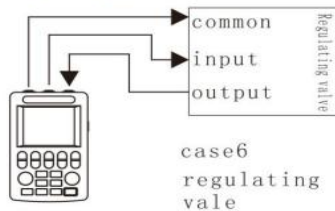
output active current/voltage to instrument

2. passive current output


2 wires transmitter simulator

3. voltage, active current measurement


Measure voltage/active current signal

4. passive current measure

5. regulating valve




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