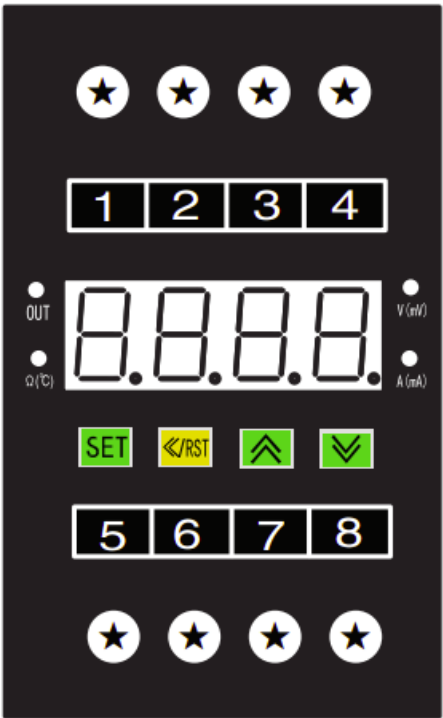


Aposun SRTM LED Display DIN Rail Transducer Instruction Manual

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Aposun SRTM LED Display DIN Rail Transducer Instruction Manual



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INSTALLATION INSTRUCTION

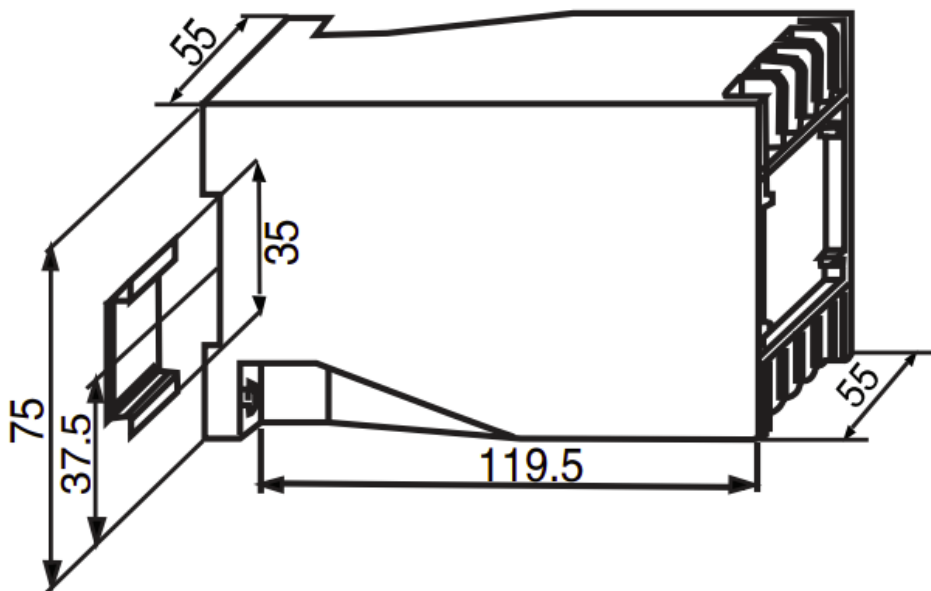
Warning

Please do not turn on the power supply until all of the wiring is completed. Otherwise electrical shock, fire or malfunction may result. Do not wire when the power is on. Do not connect the unused terminals. Do not turn on the power supply when cleaning this instrument. Do not disassemble, repair or modify the instrument. This may cause electrical shock, fire or malfunction. Use this instrument in the scope of its specifications. Otherwise fire or malfunction may result.

Caution

This instrument should be installed in a domestic environment. Otherwise electrical shock, fire or malfunction may result. The operating temperature environment should be between 0 (32F) to 50 (122F). To avoid using this instrument in an environment full of dust or caustic gas. To avoid using this instrument in an environment of strong shock or concussion. To avoid using this instrument in an environment of overflow water or explosive oil. Caution Warning Output should start in about 10 seconds after power on when the instrument has control output function.

Size(units:mm)



Models

Type

SRTM

power

90-260V AC/DC (default)

E 18-30V AC/DC

analogue

I1 4-20mA

I2 0-10V

input signal

AA

AC Curent

AV

AC voltage

DA

DC current

DV

DC voltage

Tc

Tc thermocouple

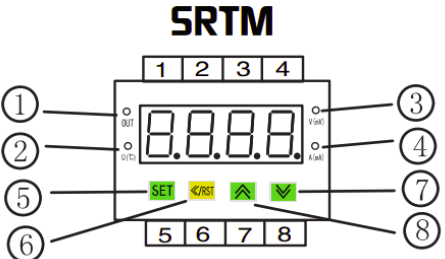
RTD

RTD

range

Example: AA5 or AV600.

Name of parts

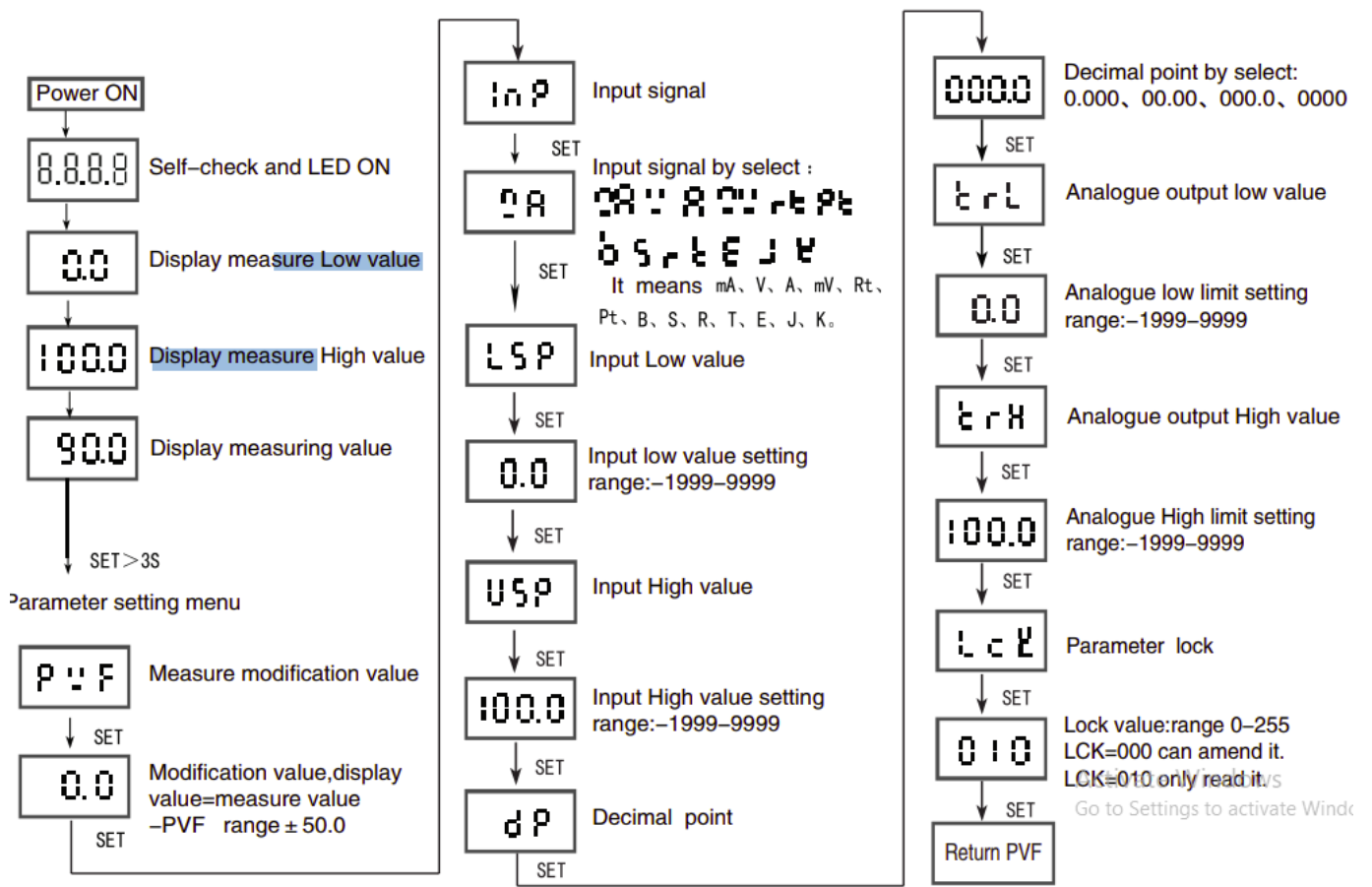
	Mark	Names		Function
	OUT	1	output lamp	output lamp
	(C)	2	indication lamp	Resistance/ temperature lamp,ON:display Ω flash:
	V(mV)	3	indication lamp	Voltage lamp ON:display V, flash:mV
	A(mA)	4	indication lamp	Current lamp ON: display A,flash:mA
	SET	5	parameter select/confirm Key	Star or stop parameter setting,change model key
	/RST	6	move key	Move key/clear key/RST key
		7	Up Key	Parameter Up Key
		8	Down Key	Parameter Down Key

Connection Drawing

Attention: please subject to the diagram on the product if any changes.

DC voltage/current	AC voltage/current	PT100	TC
IntPut - + 1 2 3 4 5 6 7 8 - + OutPut AC 90 ~ 260V	IntPut 1 2 3 4 5 6 7 8 - + OutPut AC 90 ~ 260V	IntPut - + 1 2 3 4 5 6 7 8 - + OutPut AC 90 ~ 260V	

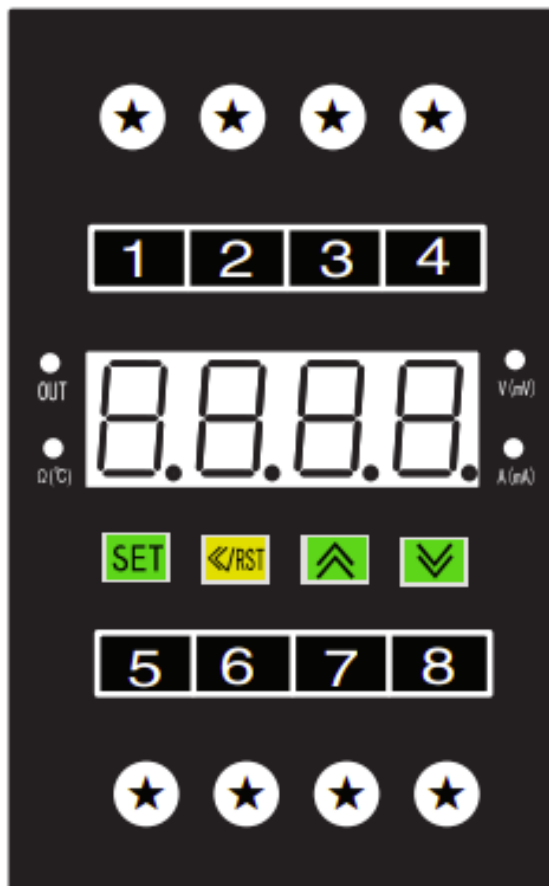
Parameter setting



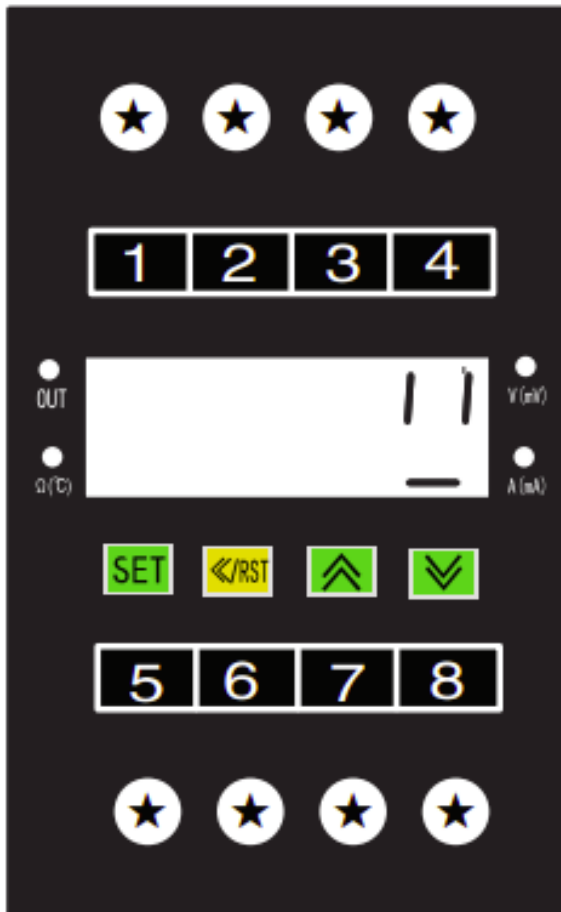
Operation process

Power ON

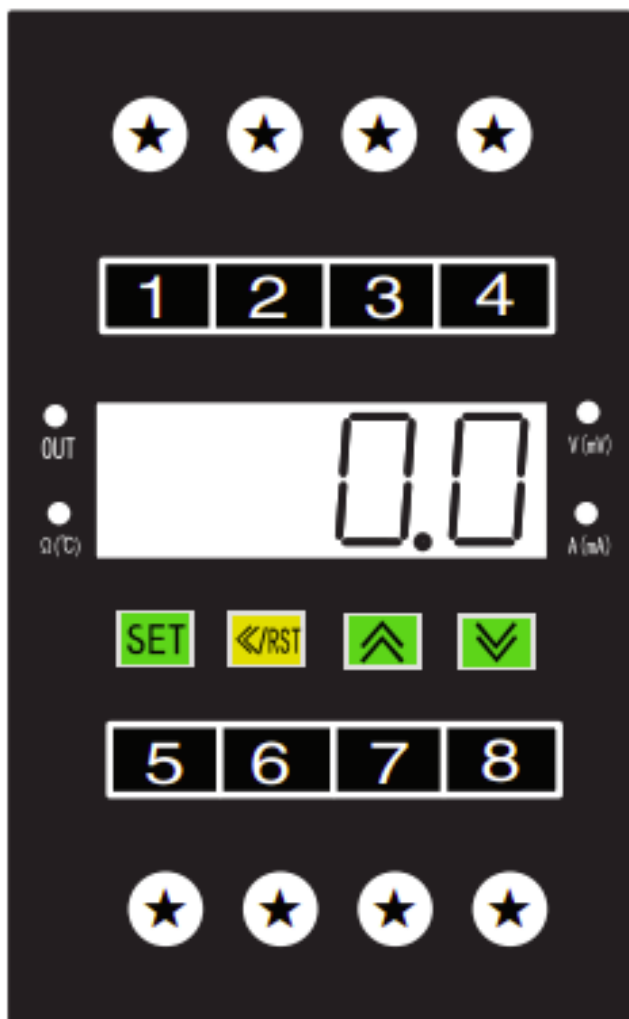
LED ON



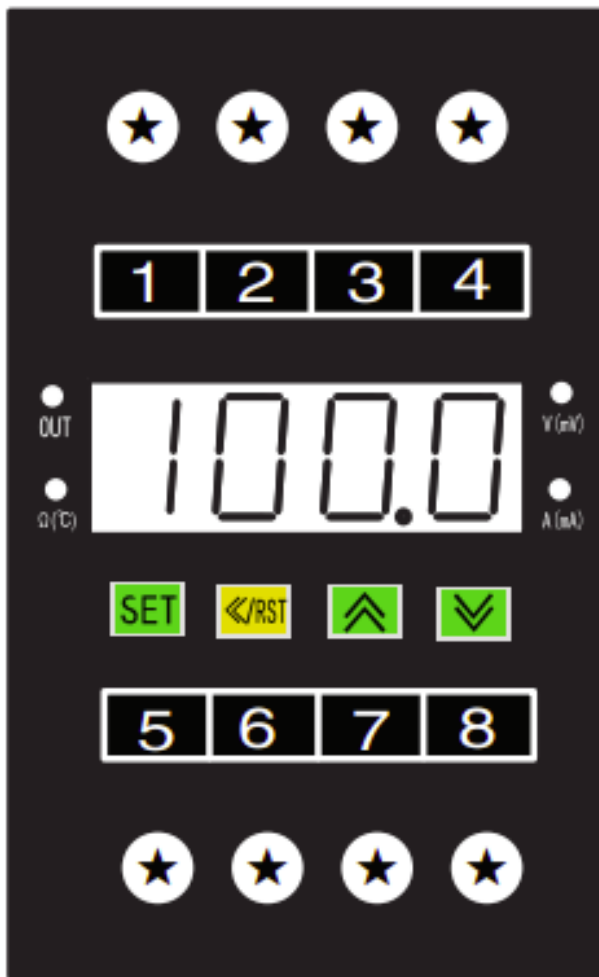
Display input model(V)



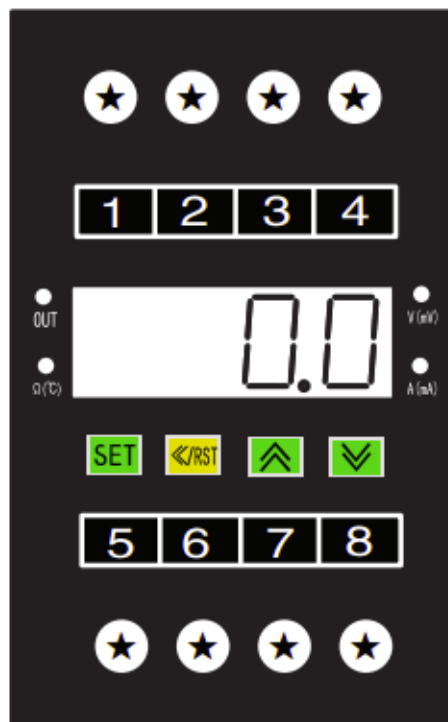
Display measure low range



High range

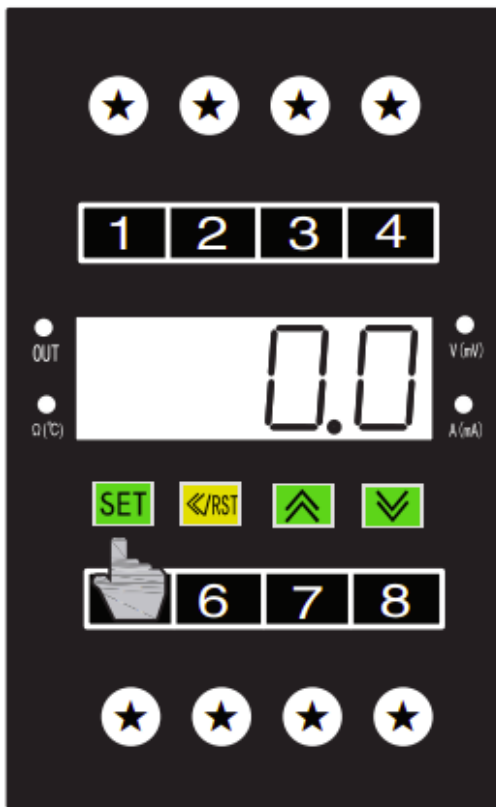


Start

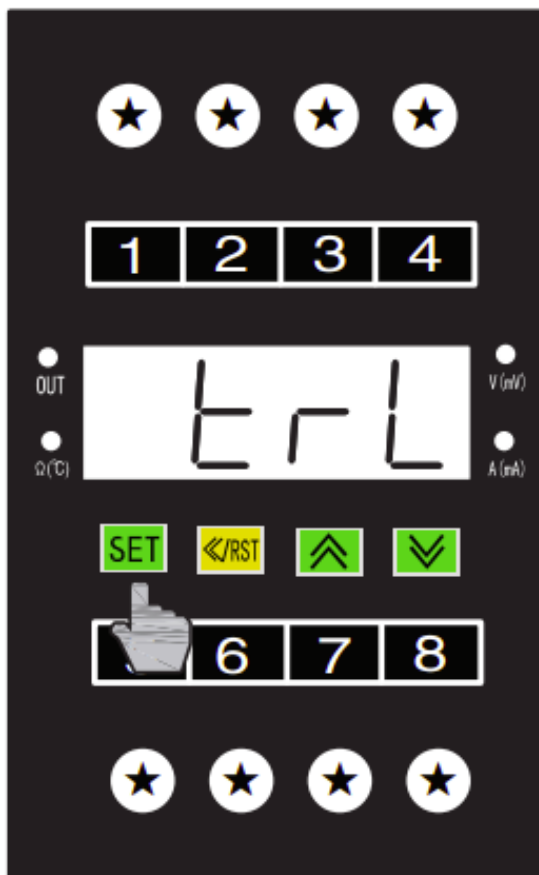


Analogue setting Example:4 20 display -50°C 200°C

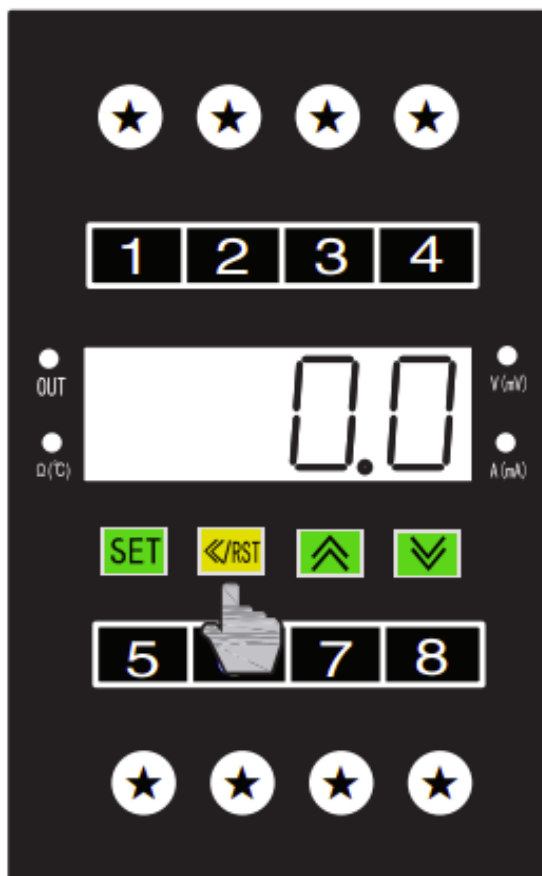
Press SET key 3S, found



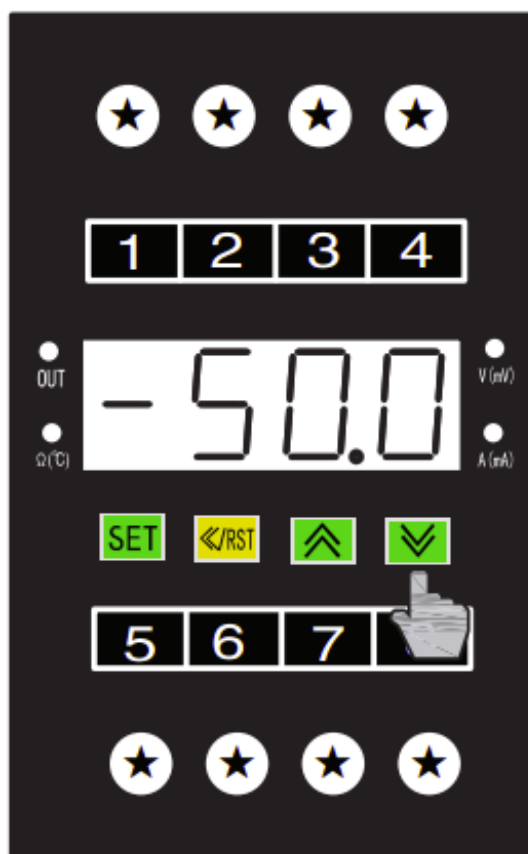
Continue Press SET key



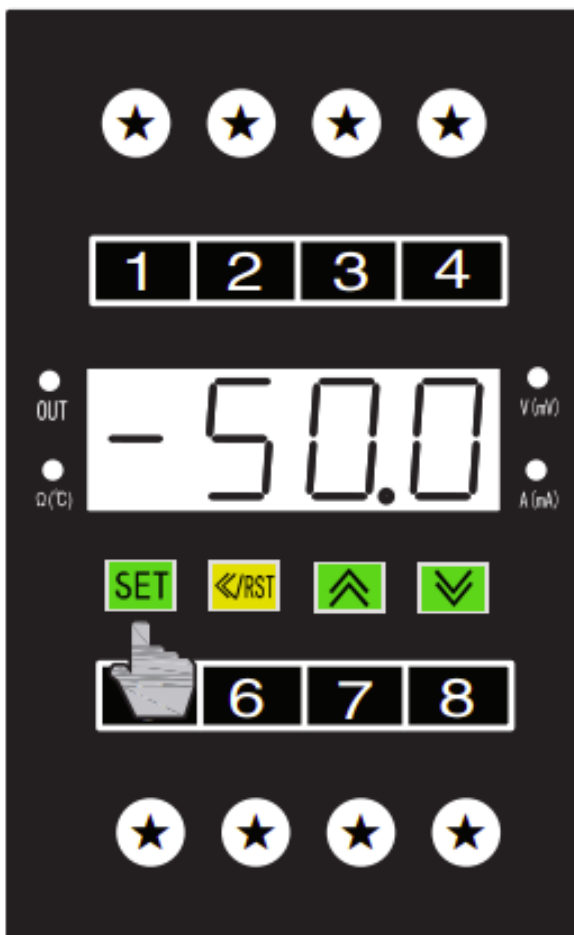
Press RST key 3 times let the 3 flash it.



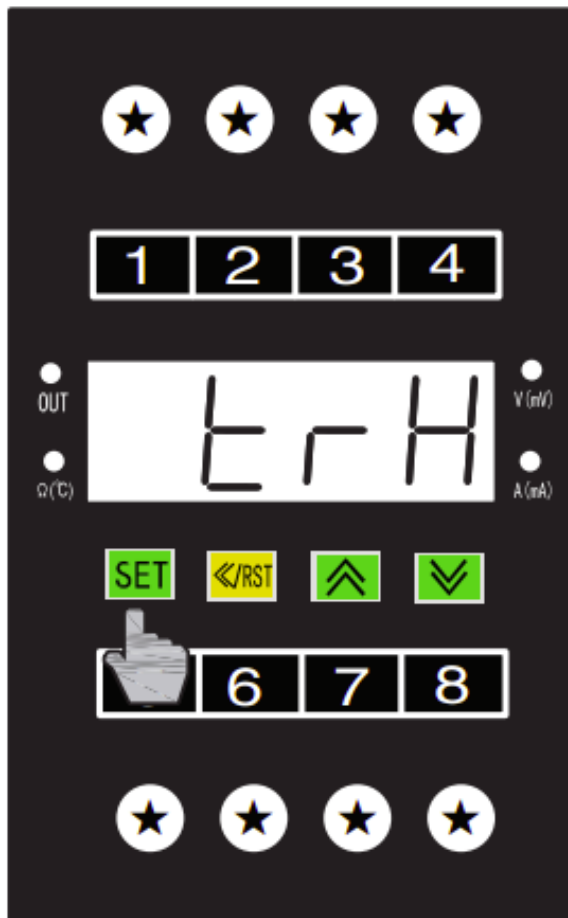
Press Down key decrease setting value



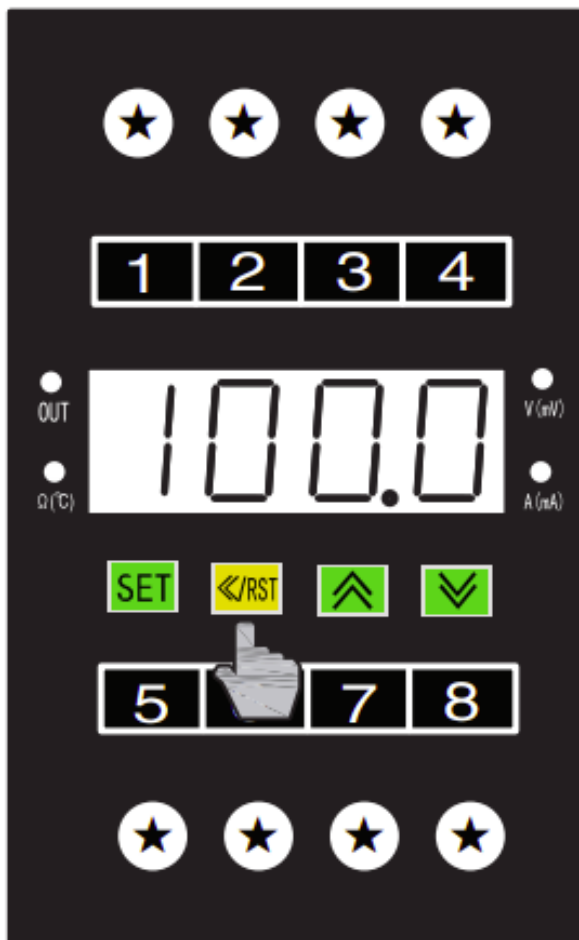
Press SET key input setting value



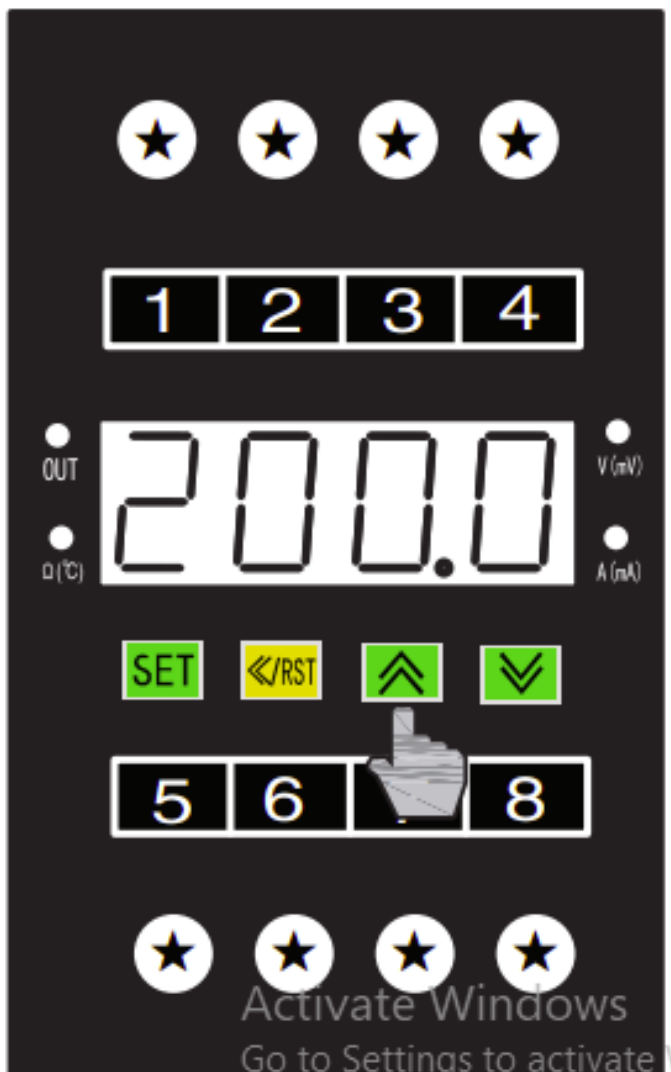
Press SET key found

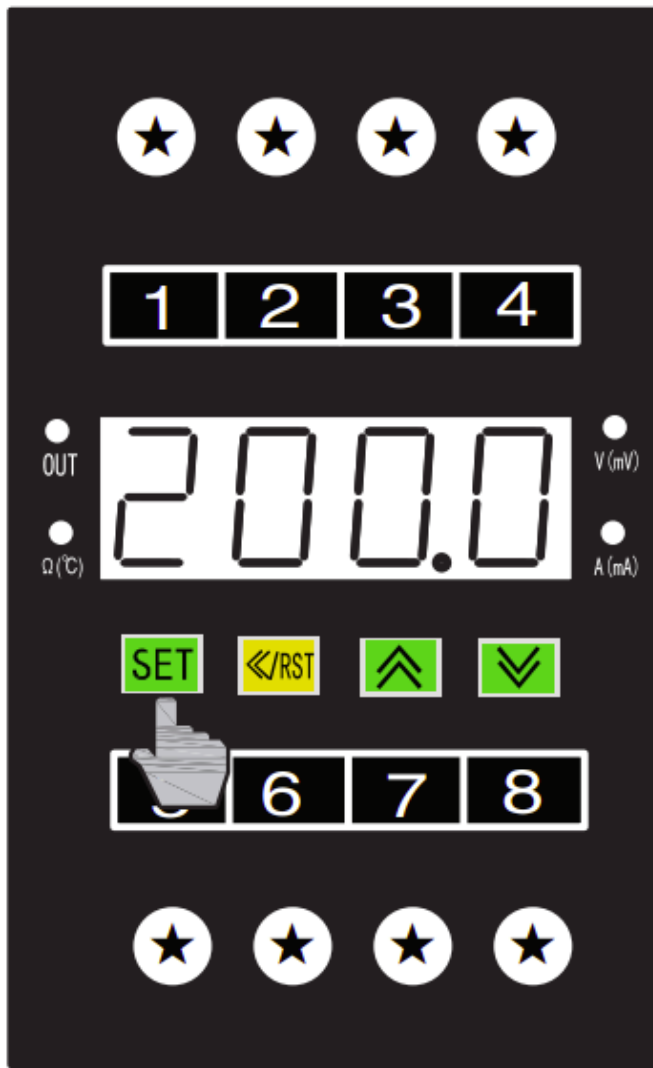


Press RST key 4 times let the 4 flash it



Press Up key increase setting value Press SET key input setting value





Clear zero



1 2 3 4

OUT

Q (°C)

5.0

V (mV)

A (mA)

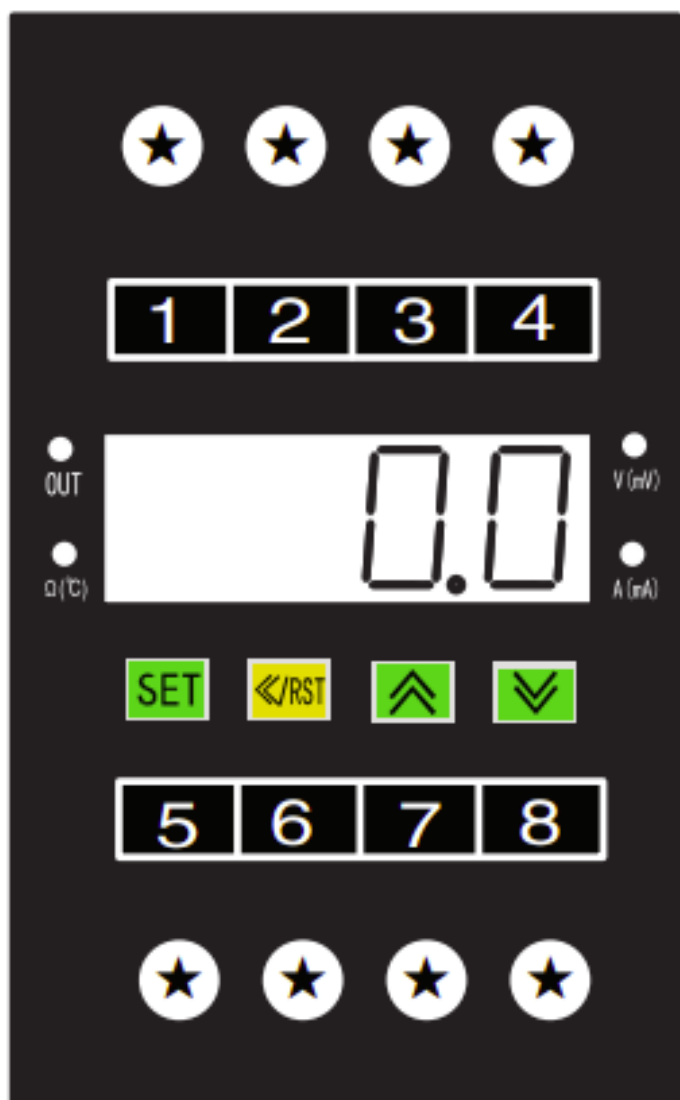
SET

←/RST



5 7 8



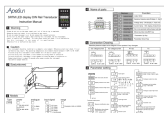


Specifications

Power supply	AC/DC 90-260V 50/60Hz (specific order AC/DC 24V)
Consumption	
Accuracy	
Sampling rate	≤8 times / second.
Display range	-1999 9999
Overflow display	UUUU
Analogue output	0-5V 0-10V 1-5V 2-10V 4-20mA 0-20mA by select one.default:4-20mA.
Installation model	35mm
Size	120 L ×55 W ×75 H mm
Weight	Abt 205g
Environment temperature	-10-50°C 35-85% humidity

	Specification
DC voltage	0-2V 0-20V 0-200V 0-600V
AC voltage	0-2V 0-20V 0-200V 0-600V
DC current	0-200mA 0-2A 0-5A 0-20A
AC current	0-200mA 0-2A 0-5A 0-20A
Thermocouple (T C)	B 600-1700°C
	S 0-1700°C
	R 500-1600°C
	T 0-400°C
	E 0-1000°C
	J 0-1200°C
	K 0-1200°C
RTD	Pt100 -200 600°C
Line resistance	0-400Ω

Documents / Resources

	Aposun SRTM LED Display DIN Rail Transducer [pdf] Instruction Manual SRTM LED Display DIN Rail Transducer, SRTM, LED Display DIN Rail Transducer, Display DIN Rail Transducer, DIN Rail Transducer
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References

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