

DC voltage transmitter



Model:THV302GB

Terminal output, sub-plate mounting type, the faulty wiring can lead to product damage. When measuring DC voltage, +HT and -HT is not allowed to reverse, the output is linear with primary test current, and the output signal can be directly enter automatic control equipment or PLC port.

Technical index:

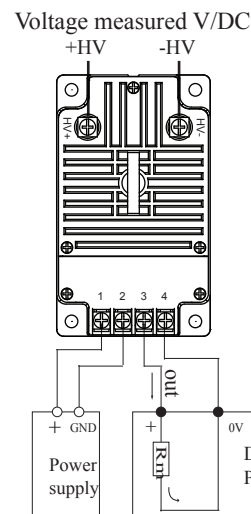
Flame resistance: UL94-V0
 Operating temperature: -10°C ~ +70°C
 Storage temperature: -40°C ~ +85°C
 Dielectric strength: 2.5KV 50Hz 1min
 Overload capacity: 8 times
 Waterproof level: IP54



Electric parameters:

Rated input	500 ~ 2000	V
Input measure range	V _p *120%	V
Rated output	0-20; 4-20	mA
	0-5; 1-5; 0-10	V
Accuracy	1	%
Linearity	0.5	%
Supply voltage(±5%)	+12、+24	V
Current consumption	< 35	mA
Load capacity	10V/20mA	
Zero offset TA=25°C	≤0.1mA or 10mV	
Response time	< 350	ms
Working frequency	DC	
Weight		g

Schematic diagram:

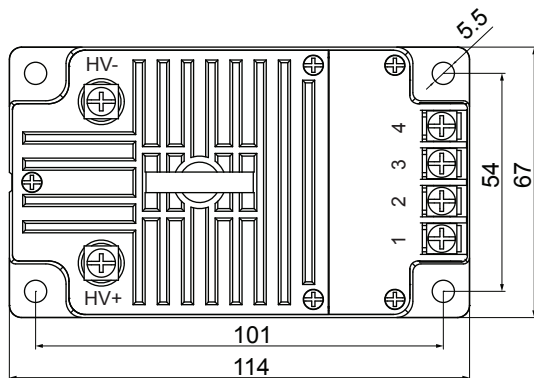


Terminal definition

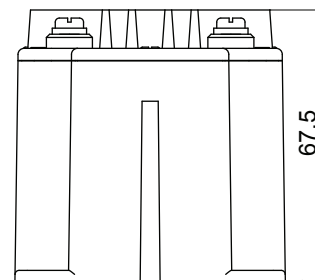
- 1:+V
- 2:GND
- 3:Iout/Vout
- 4:GND

- ※①Selective ripple (≤20mV)
Stable auxiliary power supply
- ②Turn on auxiliary power
- ③Auxiliary power supply transmitter.
- ④Auxiliary power supply transmitter.
- ⑤The two GND interior is not isolated

Dimensions (in mm):



Top view



Front view