

# Hall voltage sensor



## Model: HV301GB

Sub-plate installation, closed loop current type;  
Crimping terminal input/output; Current limiting  
resistance and sampling resistance built-in, input and  
output voltage directly. Detect DC,AC and pulse voltage.

### Technical Index:

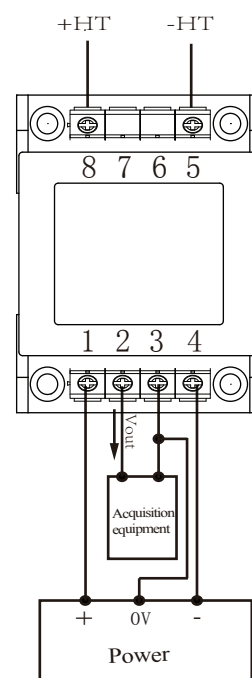
- Flame resistance: UL94-V0
- Working temperature: -10~+70°C
- Storage temperature: -25~+70°C
- Dielectric strength: 3.5KV 50Hz 1min



### Electrical parameters:

$V_P$	Rated input	$\pm 1000$	$\pm 2000$	V
$V_{PM}$	Input measured range	$\pm 1500$	$\pm 3000$	V
$V_{OUT}$	Rated output	$\pm 5$	$\pm 5$	V
X	Accuracy	1		%
$\epsilon_L$	Linearity	0.2		%
$V_C$	Supply voltage( $\pm 5\%$ )	$\pm 12 / \pm 15$		V
$I_C$	Current consumption	$\leq \pm 15$		mA+Is
$R_L$	Load impedance	$\geq 10K$		$\Omega$
$V_{OE}$	Zero offset TA=25°C	$\leq \pm 30$		mV
$T_R$	Response time	40~200		$\mu s$
N.W	Weight	514		g

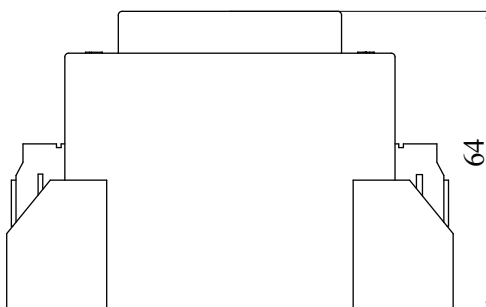
### Connection diagram:



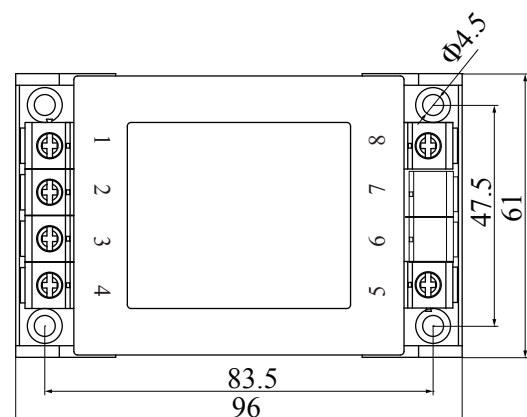
### Terminal definition:

- 1: +V
- 2: Vout
- 3: 0V
- 4: -V
- 5: -HT
- 8: +HT
- 6: Air terminal
- 7: Air terminal

### Dimensions ( in mm ) :



Front view



Top View