



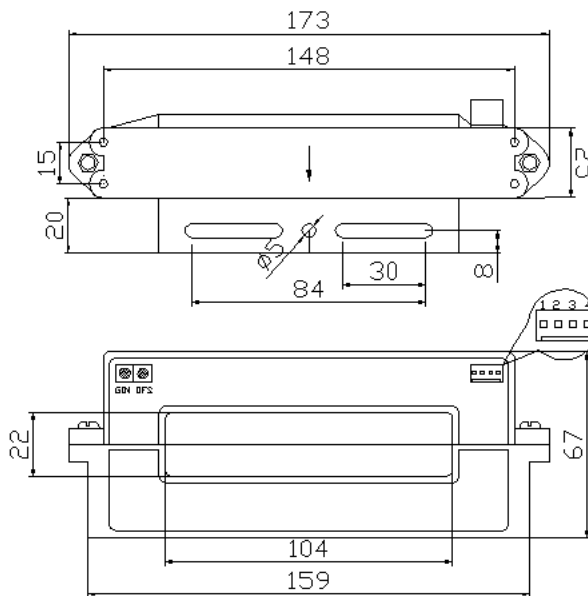
## HKC-KB Series Hall removable current sensors

HKC-KB series Hall removable current sensors are insulated between the primary and secondary parts and can be used to measure DC, AC and pulse currents.

### Electrical parameters

	HKC500KB	HKC1000KB	HKC2000KB	HKC3000KB	HKC4000KB	A
Rated input current	500	1000	2000	3000	4000	
Current range	1000	2000	4000	4500	5000	A
Rated output voltage	4±1%					V
Supply voltage	±12~±15 ±5%					V
Offset voltage	≤±30	≤±20				mV
Magnetic offset voltage	±30					mV
Offset voltage drift	≤±1.5	≤±1				mV/°C
linearity	≤1					%FS
The response time	≤10					μS
Insulation voltage (50Hz,1min)	3					KV
Working temperature	-20~+85					°C
Storage temperature	-40~+105					°C

### The structural parameters



1:+15V 2:-15V 3:VOUT 4:0V

OFS:Zero adjustment

GIN:Amplitude adjustment

### Directions for use

- 1.When the current to be measured passes through the sensor, the voltage can be measured at the output end. (Note: Incorrect wiring may cause sensor damage)
- 2.The sensor's output amplitude can be adjusted appropriately according to the user's needs.
- 3.Sensors with different rated input current and output voltage can be customized according to user requirements.