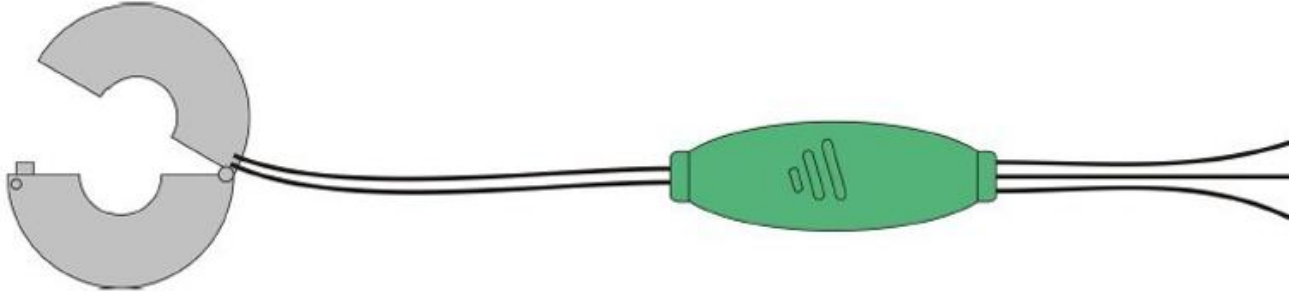




**Name:** Current Status Detector

**Model:**AID100



The AID100 is special for monitoring 0~50A current status. if detected current normal or loss then will output a TTL alarm signal. It is an industrial class, high reliability, low-power consumption, high stability and high precision digital transducer.

The AID100 is used widely as a running status monitoring of equipment of Base Transceiver Station, diesel generator rooms, engine room, transformer substations, telecommunication equipment rooms, power supply systems and so on.

The AID100 with fire retardant shell, open-close construction makes it easy to install in fields.

### **Specifications:**

- Rated voltage:5VDC;
- Input Current 0~50A,no need external power source to power on it.
- Output Type: TTL.
  - when the power current  $\geq 250\text{mA}$ , output voltage to GND will  $< 0.5\text{V}$ ;
  - When the power current  $\leq 200\text{mA}$ ,output voltage to GND will  $> 3\text{V}$ .
- Input/output insulation:  $> 2000\text{V}$
- Operating temperature:  $-10\sim 55^{\circ}\text{C}$ ;
- Relative humidity: 0~100%RH.;
- Net weight:120g.