# Hall split core current sensor

## Model：HSTS016L

Open loop split core type,hanging installation,cable output.
Detect DC,AC and pulse current.



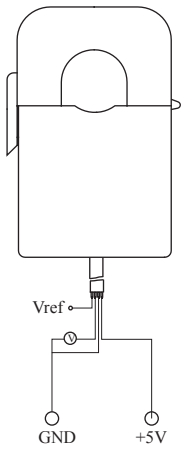

### Technical indicators:

Flame resistance：UL94-V0
Working temperature：-10～+70℃
Storage temperature：-40～+85℃
Bandwidth：DC
Dielectric strength：2.5KV 50Hz 1min

### Electrical parameters:

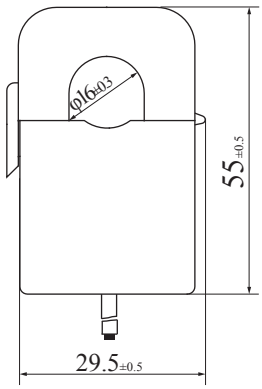
| | | | |
|---|---|---|---|
| $I_P$ | Rated input | ±10 | A |
| $I_{PM}$ | Input measured range | ±15 | A |
| $V_{OUT}$ | Rated output | 2.5±0.625 | V |
| X | Accuracy | 1 | % |
| $\varepsilon_L$ | Linearity | ＜0.1 | % |
| $V_C$ | Supply voltage(±5%) | +5 | V |
| $I_C$ | Current consumption | ±15 | mA |
| $R_L$ | Load impedance | ≥10K | Ω |
| $V_{OE}$ | Zero offsetTA=25℃ | ≤±15 | mV |
| $T_R$ | Response time | ＜3 | μs |
| N.W | Weight | 70 | g |

### Connection Diagram:

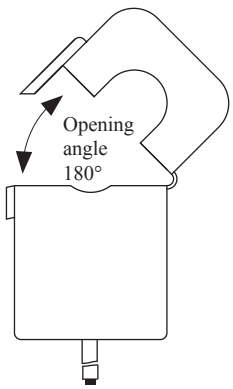


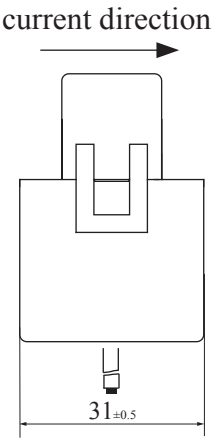

4-core shielding wire
Red:+5V
Black:0V
Yellow:Vout
White:Vref

### Dimensions（ in mm）:




Front view




Side view