

Hall split core current sensor



Model: HSTS08L

Circular hole, suspended mounting, lead wire output;
 The faulty connection can lead to product damage, detection DC, AC, pulse current;
 The primary detection current are linearly related to output, and the output signal can be directly entered into the automatic control equipment or PLC port



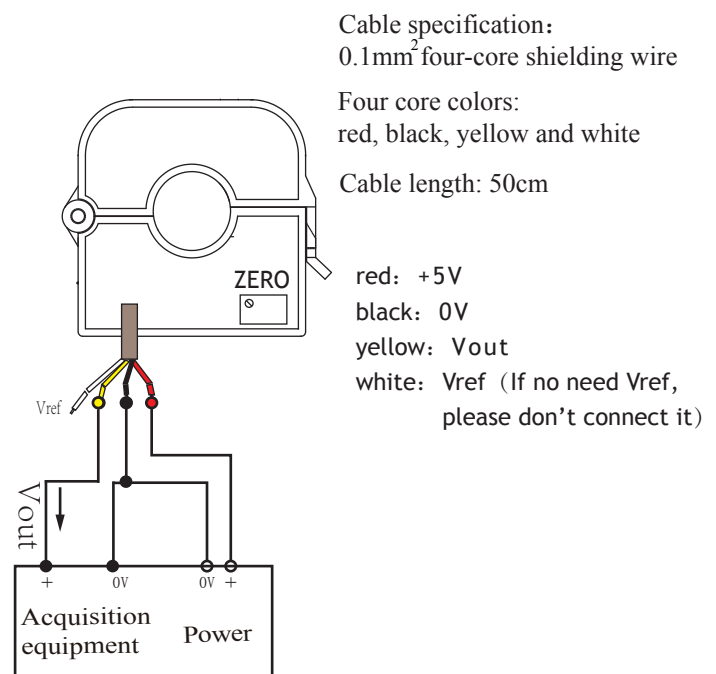
Technical index:

Flame resistance: UL94-V0
 Working temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
 Storage temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
 Dielectric strength: 2.5KV 50Hz 1min

Electrical parameters:

I_{PN}	Rated input	± 10	± 20	A
I_{PM}	Input measured range	± 10	± 20	A
V_{Out}	Rated output	2.5 ± 0.625		V
X	Accuracy	1		%
ϵ_L	Linearity	0.2		%
V_C	Supply voltage($\pm 5\%$)	+5		V
I_C	Current consumption	≤ 12	$\text{mA} + I_s$	
R_L	Load impedance	$\geq 10\text{K}$		Ω
I_{OE}	Zero offset $T_A=25^{\circ}\text{C}$	$\leq \pm 15$		mV
T_R	Response time	≤ 1		μs
T_S	Band width	DC		
N.W	Weight	22		g

Connection diagram:



Dimensions (in mm ± 0.5) :

