Hall split core current sensor

Model: HSTS08L

Circular hole Suspended mounting, output with cable;Wrong connection will make the sensor bad， detection DC, AC, pulse current and 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℃～+70℃

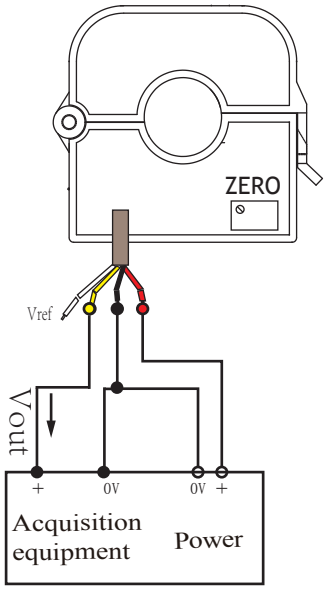
Storage temperature：-25℃～+70℃

Dielectric strength：2.5KV 50Hz 1min

Electrical parameters:

I_{PN}	Rated input	±10	±20	A
I_{PM}	Input measured range	±10	±20	A
Vout	Rated output	2.5±0.625		V
X	Accuracy	1		%
ε_L	Linearity	0.2		%
V_C	Supply voltage(±5%)	+5		V
I_C	Current consumption	⩽12		mA+Is
R_L	Load impedance	⩾10K		Ω
I_{OE}	Zero offset TA=25℃	⩽±15		mV
T_R	Response time	⩽1		μs
Ts	Band width	DC		
N.W	Weight	22		g

Connection diagram:



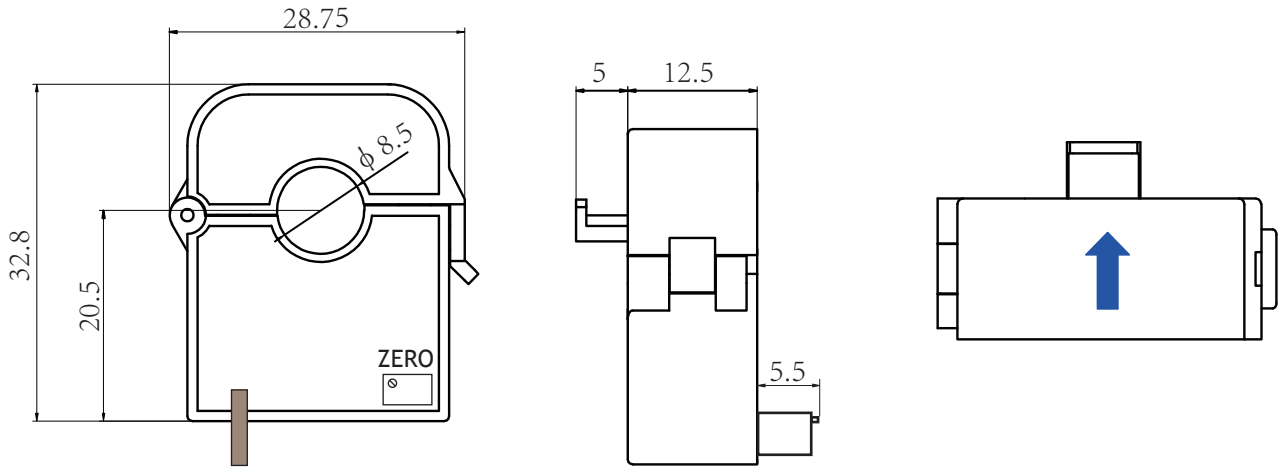
Cable specification:
0.1mm^2 four-core shielding wire

Four core colors:
red, black, yellow and white

Cable length: 50cm

red：+5V
black：0V
yellow：Vout
white：Vref（Hoverability）

Dimensions（in mm±0.5）:



Front view　　Side view　　Top View