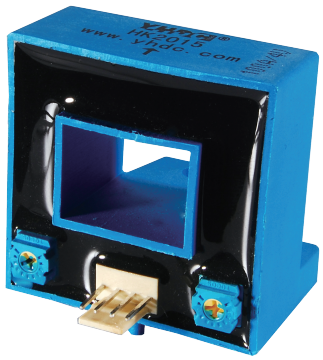
Hall open loop current sensor

Model：HK2015

Open loop hall circuit,Sub-plate installation,
Detect DC,AC and pulse current.



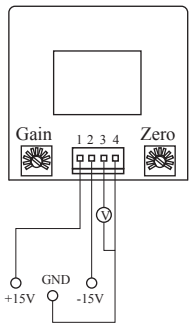
Technical indicators:

Flame resistance：UL94-V0
Working temperature：-25℃～+70℃
Storage temperature：-40℃～+95℃
Bandwidth：DC～50KHz
Dielectric strength：3KV 50Hz 1min

Electrical parameters:

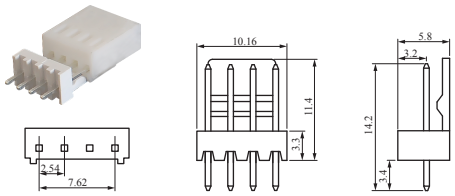
I_P	Rated input	±500	A DC
I_{PM}	Input measured range	±900	A DC
V_{OUT}	Rated output	±4	V DC
X	Accuracy	1	%
ε_L	Linearity	＜0.1	%
V_C	Supply voltage(±5%)	±15	V
I_C	Current consumption	±25	mA
R_L	Load impedance	＞3	KΩ
V_{OE}	Zero offset,TA=25℃	≤±20	mV
T_R	Response time	＜3	μs
N.W	Weight	76	g

Connection Diagram:



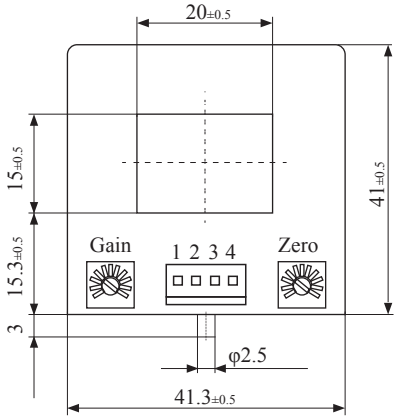
Terminal definition
1:+15V
2:-15V
3:Vout
4:0V

connector schematic diagram:

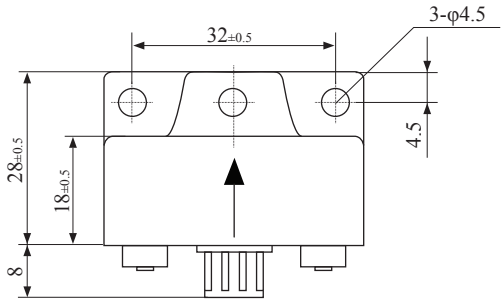


Cold-press terminal plug /socket,Distance 2.54，Stitch size 0.5×0.5

Dimensions（ in mm）:



Front view



Top view