



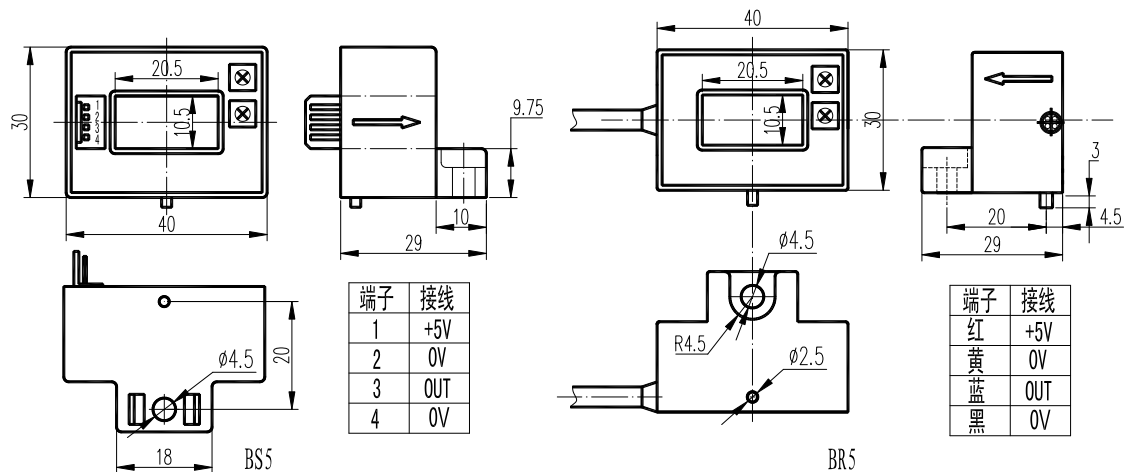
HKC-BS5/BR5 Series Hall Effect Current Sensor

HKC-BS5/BR5 Series current sensor with a galvanic isolation between primary and secondary circuit. It provides accurate electronic measurement of DC, AC or pulsed currents.

ELECTRICAL DATA

	HKC50BS5/BR5 HKC400BS5/BR5	HKC100BS5/BR5 HKC500BS5/BR5	HKC200BS5/BR5 HKC600BS5/BR5	HKC300BS5/BR5	HKC600BS5/BR5			
Rated input current	50	100	200	300	400	500	600	A
Test current range	100	200	400	600	800	900	900	A
Rated output voltage	0.625±1%							V
Zero residual voltage	2.5±0.5%							V
Supply voltage	+5±5%/+12±5%							V
Offset voltage	≤±25							mV
Magnetic offset voltage	≤±20		≤±15					mV
Offset voltage Drift	≤±2.0		≤±1					mV/°C
Linearity	≤±1							%FS
Response time	≤3							μS
Insulation voltage	50HZ,1min,2.5							KV
Operating Temperature	-40~+85							°C
Storage Temperature	-40~+105							°C

MUTING DIMENSIONS(FOR REFERENCE ONLY)



INSTRUCTIONS FOR USE

1. When the current will be measured goes through a sensor, the voltage will be measured at the output end. (Note: The false wiring may result in the damage of the sensor).
2. The output amplitude of the sensor can be adjusted according to users requirements.
3. Custom design in the nominal input current and the output voltage available