

Different sizes can be customized upon request

OVERVIEW

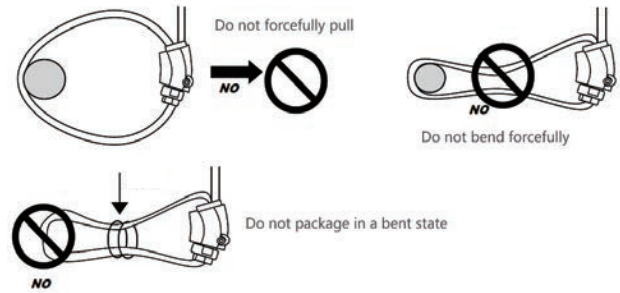
ZRC-h is a high-frequency flexible current sensor that can be directly combined with portable devices such as power analyzers to form a very flexible system. Suitable for energy consumption monitoring, high-frequency current monitoring, DC ripple measurement, etc. Different sizes can be customized according to requirements.

FEATURES

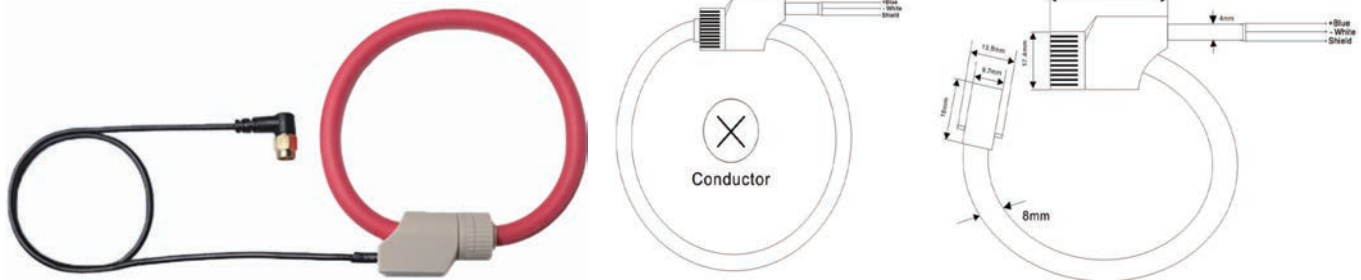
Error (center)	< 0.5%
Error (inner circle)	< 1%
Shield	100%
Insulation voltage	Coil 3000V Signal line 1000V
Position error	±1%
Internal resistance temperature drift coefficient	Uncalibrated 200ppm/°C Calibration 50ppm/°C
Joint	PC

APPLICATIONS

Angle difference	≤0.5°
Linearity	±0.2%
Bandwidth	1Hz~50kHz(-3dB)
Operating Temp	-40°C to 80°C
Storage Temp	-50°C to 90°C



Output graph



MECHANICAL

MODEL	ZRC-h-50	ZRC-h-100	ZRC-h-150
Perimeter	214MM	375MM	535MM
Bore size	50mm	100mm	150mm
Current	≤500kA		
Weight	100-120g		
Linearity	Calibration	100±0.5% $mV/kA@50Hz$	85±0.5% $mV/kA@50Hz$ 50±0.5% $mV/kA@50Hz$
	Not calibrated	106±5% $mV/kA@50Hz$	
Large current	500kA		
Resistance	50 - 250 Ω		
Section	8mm		
Line length	Default 2m, customizable		