

## Circular coils uniformly wound on non ferromagnetic materials

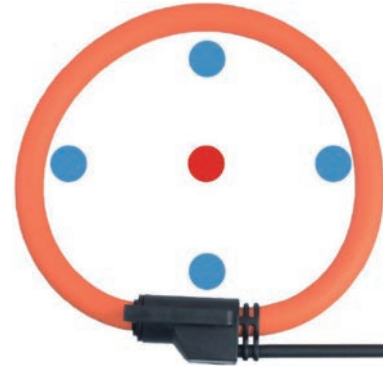
### OVERVIEW

SRCT is a 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.



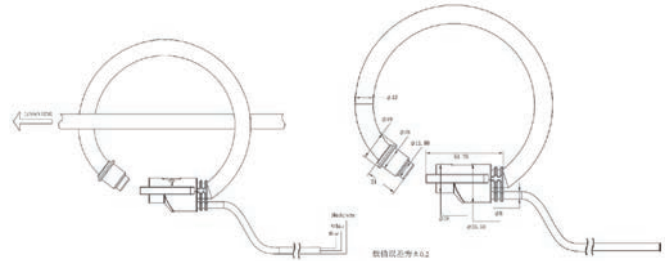
### ENVIRONMENTAL

Roche coil center	<0.5%
Coil part	<1%



### SPECIFICATION

Excellent linearity
High dynamic range, 1A to 1000KA
Strong overload capability
Little interference from adjacent conductors
No danger of open circuit high voltage
Zero power consumption
Low position error
Soft and lightweight, easy to install
Good linearity



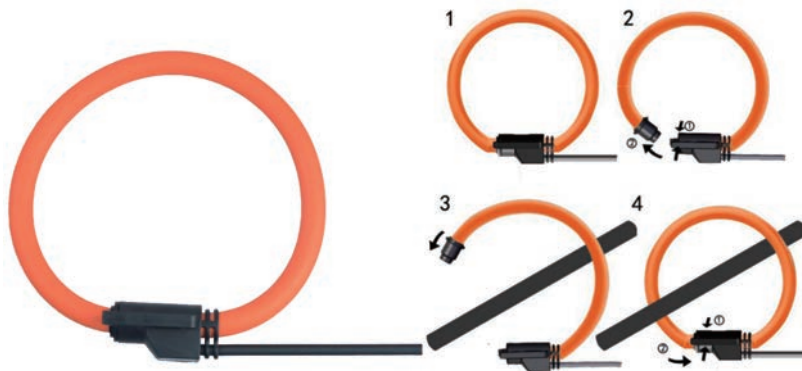
### ELECTRONICAL

MODEL	SRCT-50	SRCT-100	SRCT-150	SRCT-150
Perimeter	255mm	405mm	565mm	705mm
Internal diameter	50mm	100mm	150mm	200mm
Reference current	≤500kA			
Coil resistance	50-500Ω			
Maximum current	500kA			
Signal line length	Default 2m, customizable			
Calibration	333±0.5% $mV/kA@50Hz$	240±0.5% $mV/kA@50Hz$	120±0.5% $mV/kA@50Hz$	
Not calibrated	360±5% $mV/kA@50Hz$	120±5% $mV/kA@50Hz$	106±5% $mV/kA@50Hz$	
Internal resistance	Uncalibrated 200ppm/C		Calibrate 50ppm/C	

**MECHANICAL**

size (mm)	SRCT-50	SRCT-100	SRCT-100	SRCT-100
A. Window size	80	115	175	205
B. Window size	50	100	150	200
C. Outer diameter of coil	104	139	199	235
D. Coil cross-section	12			
E. Signal line lengthB. Window size	2000			
F. Coil length	255	405	565	705

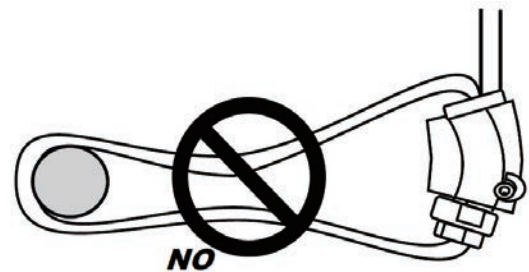
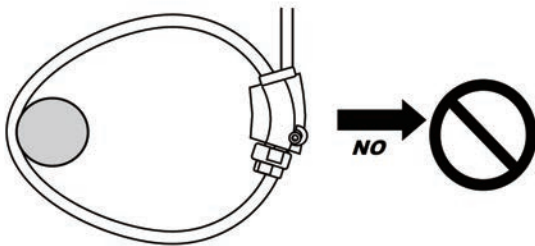
**INSTALLATION METHOD:**



**ATTENTION!**

I Do not forcefully pull

II Do not bend forcefully



III Do not package in a bent state

