

# FCT-P/S Rogowski Coil Current Transformer

## Instruction

Flexible Rogowski coil current sensor is used to measure AC current, especially large current measurement. Because of features of flexible, it can be used to measure large size (such as the diameter of the conductor is more than 3 meters) between the conductor current or irregular shape or narrow space conductor (such as the traditional clamp current probe is not able to measure. The flexible Rogowski coil current sensor can be measured easily).

The joint of flexible coil is available temporary and permanent type. The temporary type is plug type. The application is portable instruments or temporary current measurement. The spiral type is for the long time online current measurement. Easy installation no need destroy the conductor.



**Plug type**



**Spiral type**

### Working Condition

Ambient Temperature	-20 <sup>0</sup> C~80 <sup>0</sup> C
Relative Humidity	5~95%
Altitude	≤3000m
No strong vibration site	
No strong corrosive gas, steam, or salt in the air Site	

### Mainly Technology Parameter

Max withstand voltage	0.66KV(Can be customized)
Rated Input	10A~300KA
Rated Output	4V,1A (A.C) or 4~20mA (D.C)
Accurately Class	1%
Rated Power Supply	±12V、24V、5V D.C Or 220V A.C
Rated Power Consumption	≤10W
Working Frequency	1HZ—1MHZ

## Mainly Specification

No.	Ratio	Input	Output		
			AC Voltage	DC Current	AC Current
1	10A/4V	10A	4V	4~20mA	0~1A
2	100A/4V	100A	4V	4~20mA	0~1A
3	500A/4V	500A	4V	4~20mA	0~1A
4	3000A/4V	3000A	4V	4~20mA	0~1A
5	10kA/4V	10kA	4V	4~20mA	0~1A
6	25kA/4V	25kA	4V	4~20mA	0~1A
7	60kA/4V	60kA	4V	4~20mA	0~1A
8	80kA/4V	80kA	4V	4~20mA	0~1A
9	150kA/4V	150kA	4V	4~20mA	0~1A
10	300kA/4V	300kA	4V	4~20mA	0~1A

Remark: Other specifications can be customized.

**Xiamen ZT Technology Com., Limited**

[www.zntar.com](http://www.zntar.com)

Email: [sales@zntar.com](mailto:sales@zntar.com)

Mobile: 15880217206 Jason Zeng