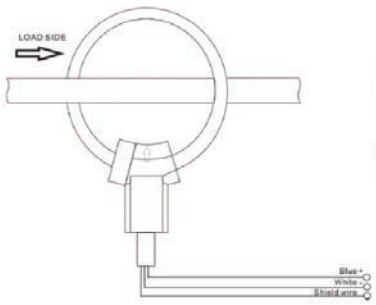
FCT-y is a flexible current sensor,

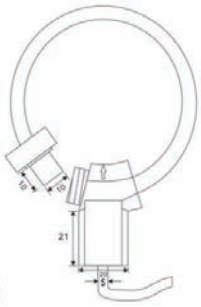
OVERVIEW

FCT-y 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

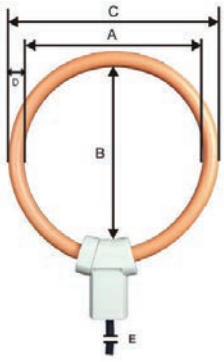
Roche coil center	＜0.5%
Coil part	＜1%

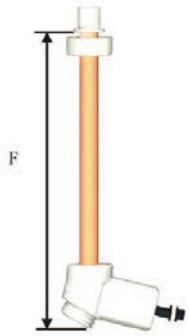




SPECIFICATION

Excellent linearity
High dynamic range, 1A to 500KA
Strong overload capability
Low interference from adjacent conductors
There is no risk of open circuit and high voltage
Zero power consumption
Low position error
Soft and lightweight, easy to install
Good linearity





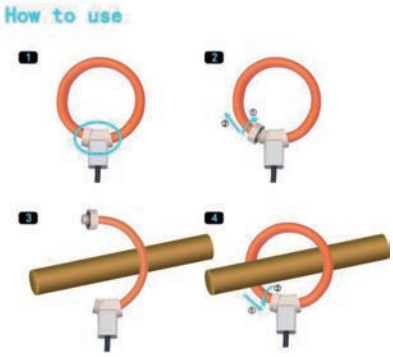
ELECTRONICAL

MODEL	FCT-y-200	FCT-y-350	FCT-y-510	FCT-y-800
Perimeter	200mm	350mm	510mm	800mm
Internal diameter	50mm	100mm	150mm	240mm
weight	110g	120g	130g	150g
Reference current	≤100kA			
Coil resistance	50-250Ω			
Signal line length	Default 2m, customizable			
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			
Internal resistance	Uncalibrated 200ppm/C	Calibrate 50ppm/C		

MECHANICAL

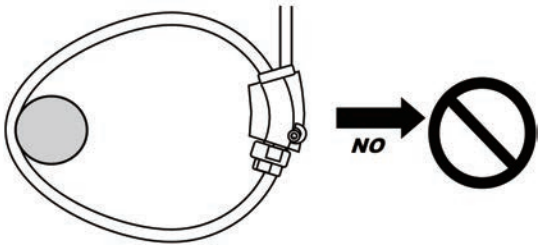
size (mm)	FCT-y-200-2M	FCT-y-350-2M	FCT-y-510-2M	FCT-y-800-2M
A. Window size	60	100	150	240
B. Outer diameter of coil	66	121	171	261
D. Coil cross-section	8			
E. Signal line lengthB. Window size	2M			
F.Coil length	200	350	510	800

INSTALLATION METHOD:

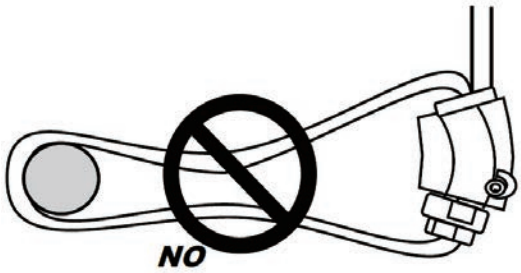


ATTENTION!

I Do not forcefully pull



II Do not bend forcefully



III Do not package in a bent state