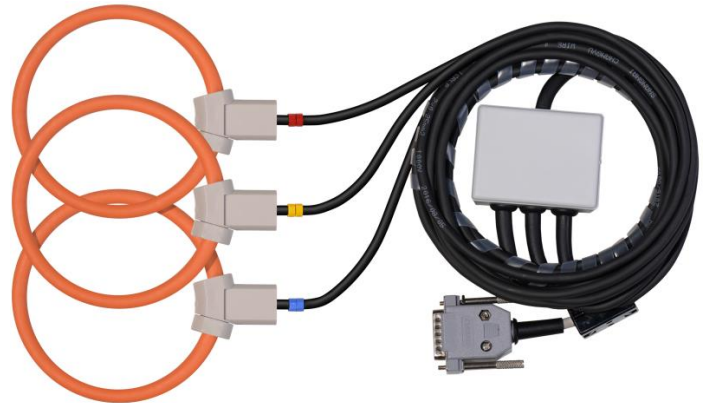


Flexible current clamps 1000A for analysers and testers


- Calmet FCT1000AC**
- Current measurement range: 0.3A – 1000A
 - Large 85mm current loop diameter
 - Simultaneously current measurement in 3 phases
 - Exchangeability of clamps between devices with keeping accuracy
 - Works with TE30 and TS33 testers and analysers



Flexible current clamps (Rogowski coils) FCT1000AC allow for easy current measurement on cables and bars in electric installation. Due flexibility and small sensor diameter it is easy to assembly them in hard access places. Maximum diameter of cable, on which we can close the sensor is about 85mm.

Technical specification

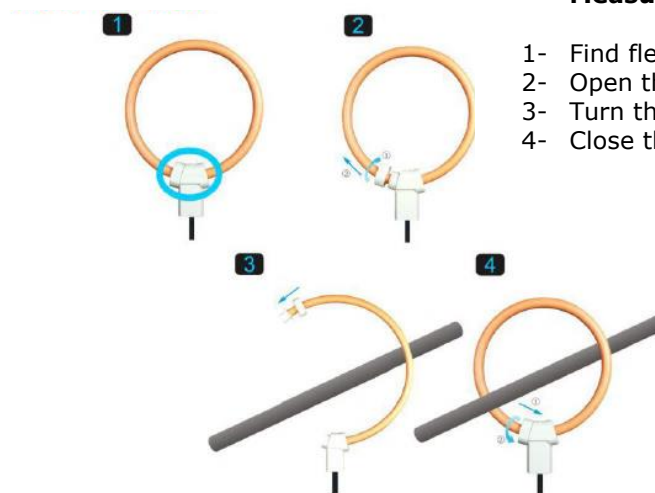
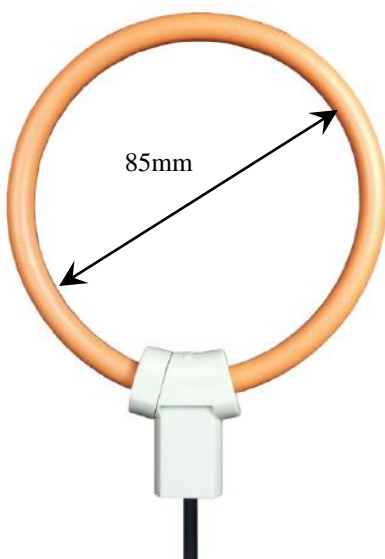
Parameter	Value
Range of current	0.3...1000A
Output voltage	3mV / 1A
Minimum load impedance	≥100kΩ
Accuracy	1% m.v.+ 0,1% r.v.
Frequency range	1Hz to MHz
Linearity (10% to 120% of range)	0.2% m.v.
Temperature coefficient	±0.1% m.v. / °C
Power supply - battery	---
Battery life	---
Maximum voltage of cable / bar	600V AC RMS
Cable length	300mm
Cable sensor diameter	8mm
Bend radius	25.4mm
Length of connecting cable	2.85m
Temperature range operation / storage	-30 °C do +80 °C
Weight	approx. 1.5kg
Safety	600V RMS, Cat. III, Pollution degree 2
Safety standards	EN 61010-1, -2, -031

Warning! 

- flexible clamps can be only used by qualified personnel;
- protect flexible clamps against water and humidity;
- always connect flexible clamp to tester before installing it on cable;
- always precisely block the lock before starting measurements
- never use flexible clamp for measurements on cables with voltage greater than 600V.

m.v. – measured value; r.v. – range value

Closing the current sensor



Measurement Procedure

- 1- Find flexible clamp lock
- 2- Open the Lock
- 3- Turn the sensor around cable
- 4- Close the lock precisely

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