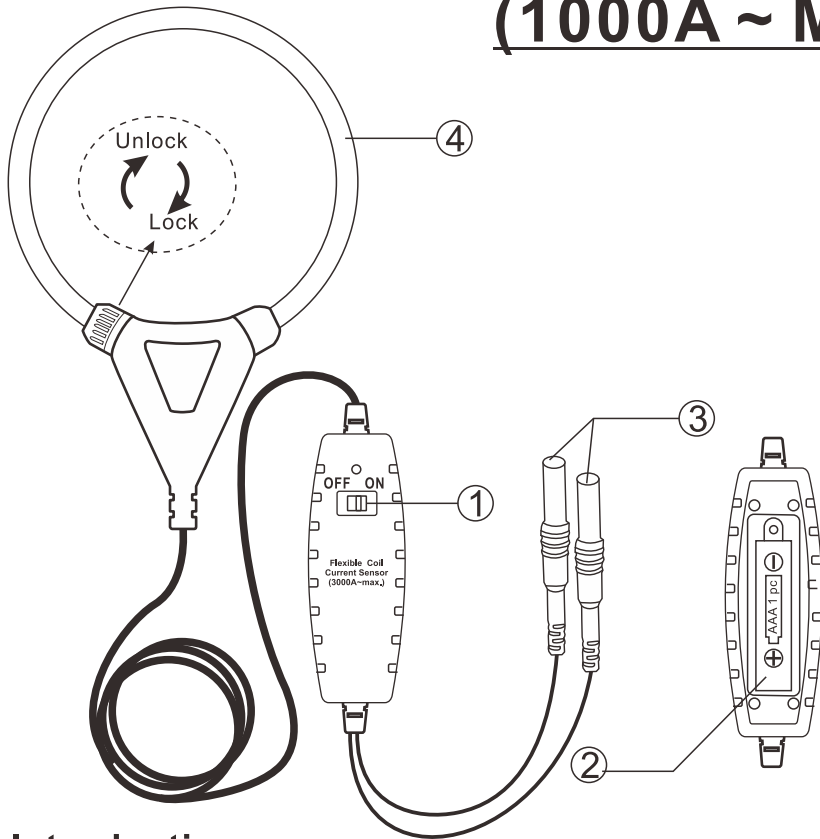


# Flexible Coil Current Sensor

## (1000A ~ MAX.)



Model No.: MS-FCCS10ADP

MS-FCCS18ADP

MS-FCCS24ADP



- ① Power switch.
- ② Battery compartment,  
Loosen the screw to replace  
1 pc. AAA alkaline battery.
- ③ AC mV output.
- ④ Sensor coil (AC current).

### Introduction

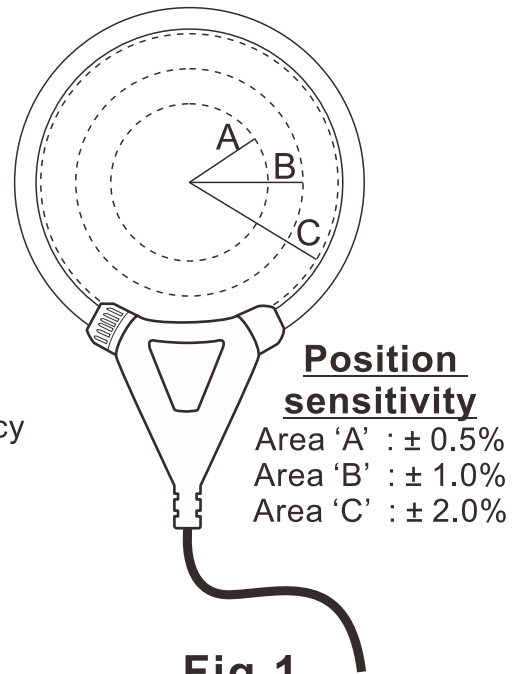
Flexible coil current sensor, Model No.: MS-FCCS10ADP / MS-FCCS18ADP / MS-FCCS24ADP, is a flexible light weight, wide AC current sense with proportional to AC millivolt output voltage. A pair of 4 mm plug suitable for plug & play direct reading when connect to popular (AC millivolt input) DMM, or clamp meter. Output voltage to input current for max. 1000A AC current.

### Specifications

- Operating voltage : 1.5V DC 1 Pc. AAA alkaline type.
- Operating current : 20mA (Max.).
- Low battery warning : <1.2V (LED OFF).
- Min. AC current detection: 1 Amp..
- Output (AC) / input ratio : 1mV/A.
- Measuring range : 1000A .
- Position sensitivity : refer fig.1.
- Resolution: 0.1A (depends upon the user's device).
- \*Accuracy :  $\pm 1\%$  of range (50/60Hz, @ 25°C).
- Non-contact frequency detection(NCF) : >100A (AC), 40~70Hz, compatible with 'MEET' series DMM, digital clamp meter with AC/DC current and non-contact frequency detection 'NCF' function.
- Operating temperature : -5 °C to 45°C.
- Operating humidity : 20-85% (non condensing).

### \*Notes:

- 1) Accuracy stated does not include measuring device itself errors, ie. DMM, digital clamp meter.
- 2) For non-optimum position, ie. position sensitivity area 'C'.



**Fig.1**