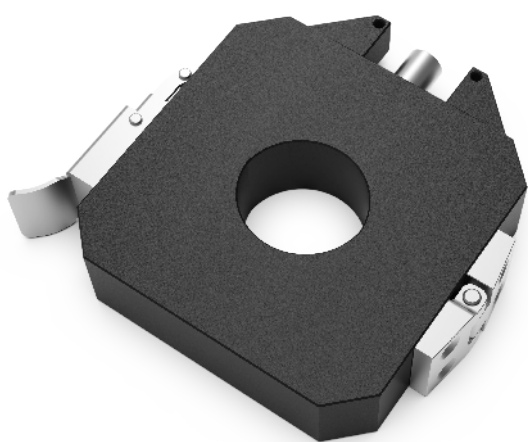


HFCT 39mm

High Frequency Current Transformer 39mm Clamp is an inductive sensor for Partial Discharge detection.

It can provide a very accurate, non-contact, non-destructive PD signal for all kinds of PD detectors.

It is suitable for on/off line PD tests on many electrical systems such as transformers, reactor, cables, and rotating machines.



Application

HV/MV CABLES:

Under 1000kV transformer, reactor, bushing, cables and rotating machines;

Under 110kV cables.

Online PD Monitoring:

HFCT can do PD measurement without disconnection.

It can be carried out without an outage.

Connection:

It can be fixed directly to the grounding connection of the system under test without disconnecting.

POWER SUPPLY FREE:

HFCT sensors don't need any power supply, just need a connection with the main device.

Cautions

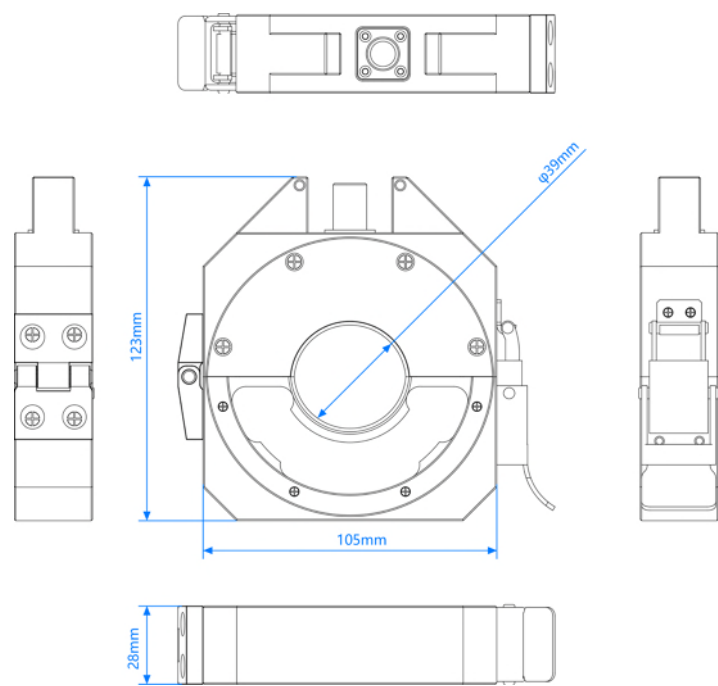
Do NOT let the sensor contact permanent magnet material for a long time.

Make sure lock tightly before the test.

Make sure the current direction is the same as the arrow pointing in the sensor.

HFCT 39mm

Mechanical Specification



Technical Data

Frequency range	0.3~100 MHz
Transfer impedance	≥18 mV/mA(max)
Load Impedance	50 Ω
Operating temperature	-60℃~80℃
Sensitivity	≤1 pC
Connection	BNC / TNC(Optional)
Protection Degree	IP57 / IP68(Optional)

HFCT Sensor Range

HFCT sensor	Inner hole diameter	Dimensions
φ 39	39	123 * 123 * 28 mm
φ 50	50	123 * 123 * 28 mm
φ 60	60	145 * 143 * 28 mm
Q106	—	190 * 90 * 30 mm