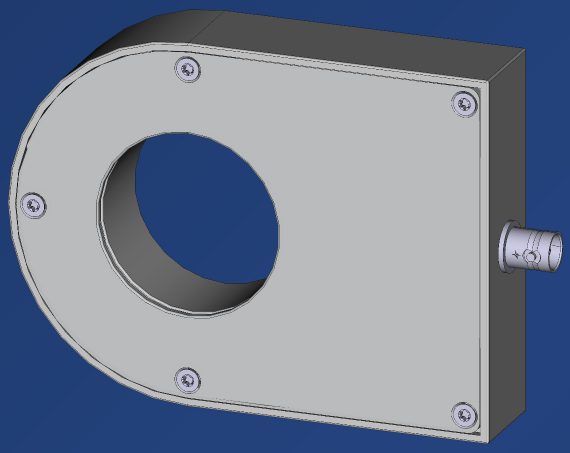
solfas



GTU-SEN-CT45

HF CURRENT SENSOR

HF Current Sensor for Partial Discharge Measurements

DATASHEET

AUGUST 2026

GTU-SEN-CT45
HF CURRENT SENSOR

High frequency current transformer for partial discharge detection in the UHF range with high sensitivity. With appropriate cables isolated measurements as easily possible. Especially suited for PD tests with pulse-shaped voltages with the GTU Series partial discharge testers.

APPLICATIONS

- Stator testing
- Electrical motor testing
- Drive system testing
- PD tests with surge voltage
- PD tests with pulse voltage
- PD tests with sine voltage

KEY FEATURES

- Accessory for GTU Series
- Easy coupling to test object
- Isolated HF output
- Low attenuation of the PD signal
- Wide frequency range

TECHNICAL SPECIFICATIONS

HF output	BNC 50 Ω
Transfer impedance	20 ± 2 dBΩ at 300 MHz
Frequency range (-6dB)	10-500 MHz
Primary conductor aperture	45 mm
Dimensions (LxWxH)	135 mm x 90 mm x 25 mm
Weight	350 g

ABOUT SOLFAS

We specialize in the development and distribution of test systems, power supplies and measuring instruments.

Experts in electrical testing and automation, our company offers a broad range of high-performance full-service testing solutions and measuring instruments.

We provide clients in the automotive, aerospace, energy and traditional industry sectors with the equipment they need to test high power components, such as chokes, transformers and electric motors.

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Solfas develops high-performance test and automation solutions — engineered in Germany, trusted worldwide.

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