solfas




GPDC10

# PD CALIBRATOR

PARTIAL DISCHARGE CALIBRATOR WITH FAST RISE TIME

DATASHEET

AUGUST 2026

# GPDC10
# PD CALIBRATOR

The GPDC10 is a calibrator for PD measurements according to the standards IEC 60270 and IEC/TS 61934. It is used for reference charge injection, which allows precise adjustments and sensitivity checks at PD measurement test setups. The compact and battery-powered design ensures an easy operation. The fast rise time allows PD measurements in the UHF range. It can be used optimally together with our PD measuring instruments of the GTU series.

## APPLICATIONS

- Partial discharge calibration
- PD setup sensitivity check

## KEY BENEFITS

- Precise charge calibration
- Easy operation
- Fast rise time
- Suitable for UHF measurements

## KEY FEATURES

- Selectable charge magnitude
- Compact size
- Fast rise time
- Battery powered
- Calibrated charge and rise time
- Auto power off

## TECHNICAL SPECIFICATIONS

| Order number | GPDC10-A | GPDC10-B |
|---|---|---|
| Impulse charge | 1 / 2 / 5 / 10 / 20 / 50 / 100 pC | 10 / 20 / 50 / 100 / 200 / 500 / 1000 pC |
| Accuracy | ± 1% + 0.5 pC | ± 1% |
| Impulse frequency | 100 Hz ± 0.1% | |
| Impulse rise time | < 2.5 ns | < 3.5 ns |
| Power supply | 2 × AA Battery | |
| Dimensions | 115 × 50 × 180 mm | |
| Weight | 600 g | |
| Output | BNC 50 Ω | |

# 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.

## ENGINEERING PRECISION. BUILDING TRUST.

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

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