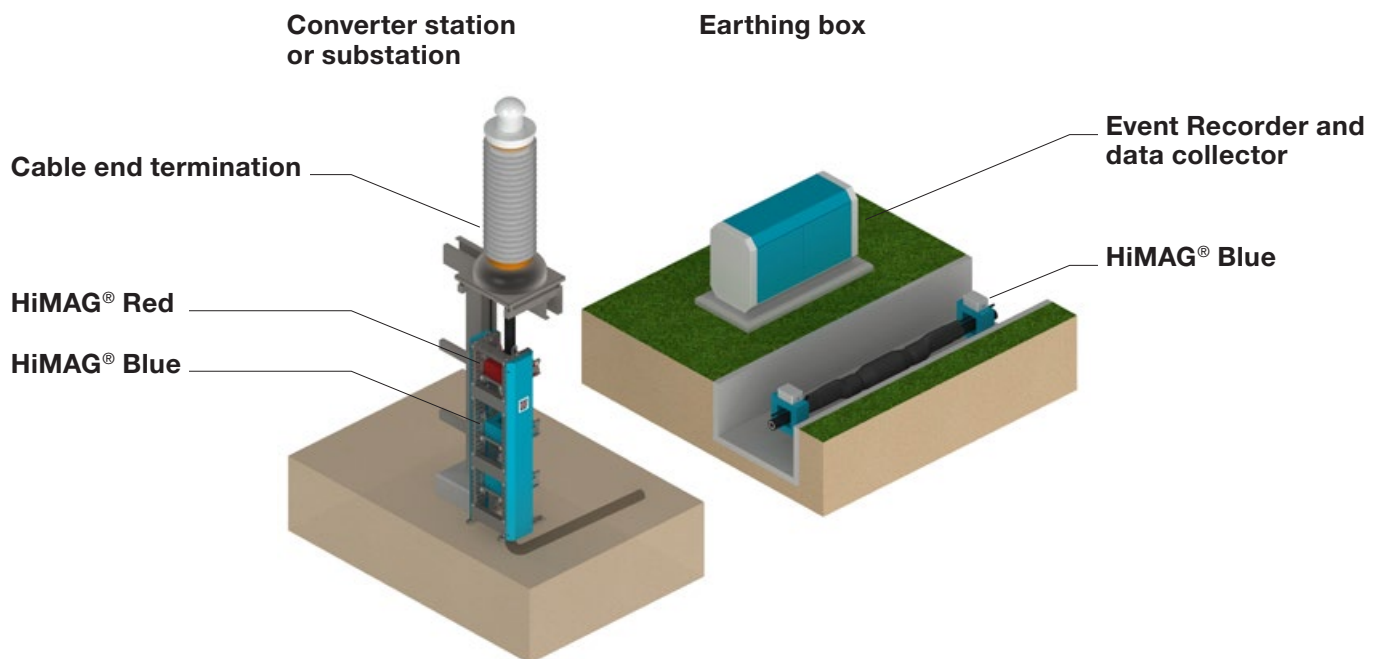


HiMAG[®] – Galvanically isolated high frequency current transformer (HFCT)

Sensor for HIGHVOLT's modular measuring and condition assessment system HiMON[®] for fast localization of cable breakdowns and evaluation of partial discharges.

Compact and specially designed for HVAC and HVDC cable systems.



BENEFITS

- NON-INVASIVE INTEGRATION INTO NEW AND EXISTING CABLE SYSTEMS
- HIGHEST MEASUREMENT SENSITIVITY
- ROBUST DESIGN

- DESIGNED FOR FACTORY AND COMMISSIONING TESTING AS WELL AS MONITORING
- SUITABLE FOR OUTDOOR AND BURIED INSTALLATION

HiMAG[®] Red



APPLICATION

- Fast localization of cable breakdowns

DIMENSIONS (WxHxD)

- 375 x 335 x 160 mm

WEIGHT

- > 40 kg

TECHNICAL PARAMETERS

Measuring signal	Large-scale: < 1000 V
Self-inductance	< 2 μ H
Bandwidth	0.1 ... 10 MHz
Protection degree	IP 68
Operating temp.	-40 °C ... +45 °C
Design lifetime	> 40 years

HiMAG[®] Blue



APPLICATION

- Evaluation of small-scale signals, e.g. partial discharges

DIMENSIONS (WxHxD)

- 375 x 335 x 160 mm

WEIGHT

- > 40 kg

TECHNICAL PARAMETERS

Measuring signal	Small-scale: < 10 V
Self-inductance	< 2 μ H
Bandwidth	0.1 ... 10 MHz
Protection degree	IP 68
Operating temp.	-40 °C ... +45 °C
Design lifetime	> 40 years

Cable data

Type	HVAC and HDVC
Permanent load current	max. 3000 A

Max. cable diameter	max. 175 mm
Surge current (8/20 μ s)	max. 150 kA

Further information

HIGHVOLT Prüftechnik Dresden GmbH

Marie-Curie-Straße 10
01139 Dresden
Germany

Phone +49 351 8425-700
E-Mail sales@highvolt.com
Web www.highvolt.com