

tracy

BAUR partial discharge inductor



Features

- Exact location of the partial discharge positions in the exposed cable segment
- Inductive signal input without damaging the cable
- Output current adjustable in 9 steps
- Allows the operator to confirm the fault location pre-located with a PD diagnostics and location system
- Easy to operate
- Robust, splash-proof housing
- Lightweight

Simple and exact pin-pointing of partial discharge positions

- Portable, battery-operated signal coupling device
- Suitable for cables and cable accessories
- Inductive signal coupling
- Avoids costly, unnecessary replacements of PD-free cable accessories



The BAUR tracy partial discharge inductor is used for the exact location of partial discharge positions in cables and cable accessories (partial discharge pin-pointing).

tracy induces a signal at the pre-located partial discharge position in the cable that can be recorded with a partial discharge diagnostics and location system, e.g. PHG 70/80 TD PD or PD-TaD 60. This allows the operator to compare the location at which the signal is fed in with the pre-located fault location and precisely locate the partial discharge position.



Technical data

General	
Output current	Adjustable in 9 steps: 4.0 A 5.6 A 7.0 A 4.6 A 6.0 A 7.3 A 5.0 A 6.4 A 7.7 A
Pulse width	Approx. 25 ns
Pulse rate	20 ms – 5.1 s (in steps of 20 ms)
Integrated battery	NiMH Mignon AA 2,700 mAh
Ambient temperature (operational)	-10°C to +50°C
Storage temperature	-20°C to +60°C
Relative humidity	Non-condensing
Dimensions (W x H x D)	Approx. 110 x 213 x 42 mm
Weight	Approx. 0.55 kg
Degree of protection	IP54
Safety and EMC	CE compliant in accordance with Low Voltage Directive (2014/35/EU), EMC Directive (2014/30/EU), EN 60068-2-ff Environmental testing
NiMH Mignon battery	
Battery type	NiMH Mignon AA 2,700 mAh
Battery life	Approx. 20 h
Charging time	Approx. 4 h
Charger	Power supply 90 – 264 V, 50/60 Hz Output voltage DC 4.8 – 12 V, 800 A

Standard delivery

- BAUR partial discharge inductor
- Charger incl. country-specific adapter (UK, Europe, USA, Australia)
- Induction cable, blue
- Transport case
- User manual



The figure is illustrative.