

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 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. 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		Degree of protection	
Output current	Adjustable in 9 steps:	IP54	
	4.0 A 5.6 A 7.0 A	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
	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		
		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

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



The figure is illustrative.

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