

## 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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