



# PC-100

## Portable Scanning Head

PC100 is a lightweight portable scanning head. It is designed for detecting LED flashing in electricity meters. It can detect typical colors of LED: red, orange yellow, green and infrared. A permanent ring-magnet is built into the scanning head to be magnetically attached to the meter and test in the correct position in front of the light emitting diode. The output pulse rate could be divided to 10 or 100 via a user selectable push button. In addition a LED shows the state of output pulse division.

Green → 1:1

Red → 10:1

Orange → 100:1

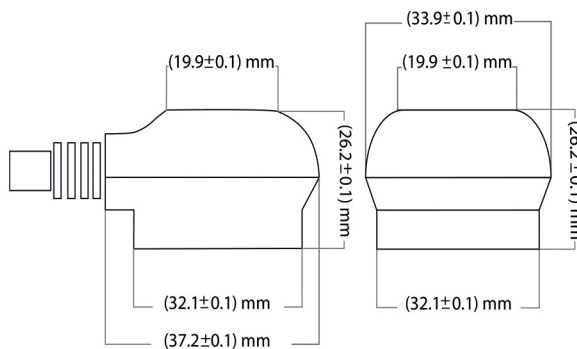
Custom-made products are available on demand.

### Mechanical description of the optical probe PC-100

- Connector: Din 5 pin 180°
- Dimensions (Ø x H): approx. 32 x 26 mm
- Magnetic holding force: > 15 N
- Casing material: ABS
- Cable: length 1.5 m, Ø 4,5 mm, four-wire cable (LAPP KABEL GERMANY)
- Weight: approx. 72 gr.

### Electronic description of the optical probe PC-100

- Power supply: +5 Volt - DC
- Consumed current: approx. 13mA (100:1) +5 Volt
- Signal level: TTL



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Signal	Color	Description
PO	■	Pulse Output
VCC	□	+5 v
GND	■	Ground

