



Signal	Wire Colors	Old Wire Colors	Description
POUT	Green	Blue	Pulse Output
VCC	Brown	Red	+5 Volt
GND	Yellow	Black	Ground

# PC-100

## Portable Scanning Head

### Overview

PC-100 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 (max pulse speed: 10 Hz)  
 Red 10:1 (max pulse speed: 100 Hz)  
 Orange 100:1 (max pulse speed: 1000 Hz)  
 Custom-made products are available on demand.

### Mechanical description

- ▶ 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

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



**GERMAN METERING GmbH**

Reutenweg 65, 60323 Frankfurt am Main, Germany  
 Telephone: +49 (0)69 / 77062206, Fax: +49 (0)69 / 77062226  
 www.german-metering.com

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