**OP-210**

**Meter reading optical probe OP- 210 with usb output signal**

The Optical Probe OP-210 with USB port is an interface that communicates with a peripheral device such as an electric meter, water meter, heat meter or gas meter via infrared. Any other device that supports the European standard IEC 62056-21 (IEC 1107) is compatible with this product.

Optical OP-210 can be used on different operating systems such as Mac, Windows, Windows Mobile, Linux, etc. The driver for each operating system is included.

Specific adjustments is possible by order.

**Mechanical description of the optical probe OP-210**

- **Connector:** Standard USB-A plug
- **Infrared filter against external light influences**
- **Dimensions (Ø x H):** approx. 32 x 26 mm
- **Magnetic holding force:** > 15 N
- **Casing material:** ABS
- **Cable:** length 2 m, Ø 4.5 mm, four-wire cable (LAPP KABEL GERMANY)
- **Weight:** approx. 85 gr.

**Electronic description of the optical probe OP-210**

- **Standard:** IEC 62056-21 (IEC 1107)
- **Power consumption:** approx. 25 mA (communication process)
- **Operating voltage:** 5 V from the USB interface
- **Data baud rate:** 19200 bit / s
- **Electrical interface:** USB 1.0
- **Communication:** Half duplex
- **Wavelength:** 880nm
- **Echofilter:** yes

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