



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.

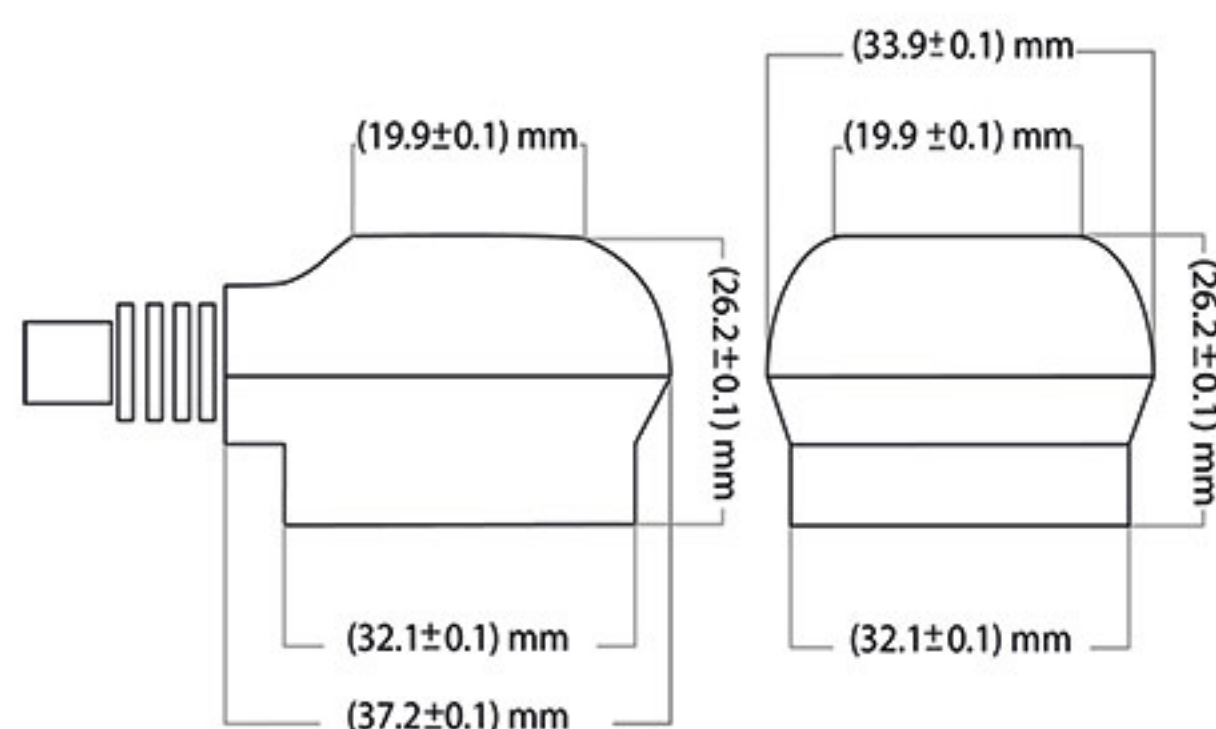
Specific adjustments is possible by order.

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



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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Pin	Signal	Color	Description
1	VCC	Red	+5 V
2	D-	White	Data -
3	D+	Green	Data +
4	GND	Black	Ground

