



OP-320

Meter reading optical probe OP-320 with RS-232 output signal

The Optical Probe OP-320 with RS-232 output 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.

The Optical Probe OP-320 with RS-232 output and a Palm universal connector is suitable for you, if you would to read out consumption data by a peripheral device such as a handheld device like here specifically the palm handheld, and generally communicates with the meter.

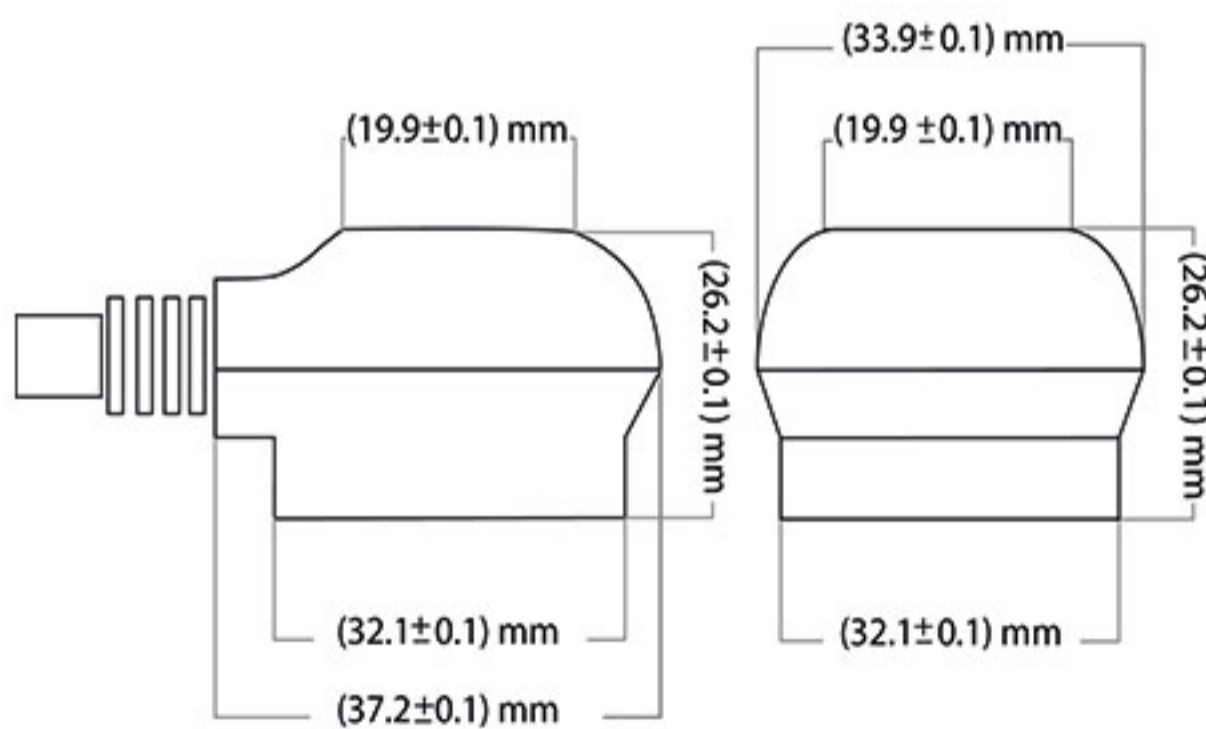
Specific adjustments is possible by order.

Mechanical description of the optical probe OP-320

- Connector: Palm universal connector
- 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 2m, Ø 4,5 mm, four-wire cable(LAPP KABEL GERMANY)
- Weight: approx. 100 gr.

Electronical description of the optical probe OP-320

- Standard: IEC 62056-21 (IEC 1107)
- Power supply: no power supply required. Supplied from RS-232 interface
- Consumed current: approx. 5 mA (Transmitting operation)
- Signal level: Compatible with EIA-232 (RS-232)
- Data baud rate : 19200 bit/S
- Wavelength: 880nm
- Echofilter: yes



GERMAN METERING GmbH

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



Pin	Signal	Color	Description
1	GND	Black	Ground
9	VCC	Red	+3 Volt
10	RXD	White	RS-232 Receive Data
11	TXD	Green	RS-232 Transmit Data

