



OP-410

Meter reading optical probe OP-410 with RS-485 output signal

The Optical Probe OP-410 with RS-485 standard is an interface that communicates with a peripheral device such as an electric meter, water meter, heat meter or gas meter via IR-Port. Any other device that supports the European standard IEC 62056-21 (IEC 1107) is compatible with this product.

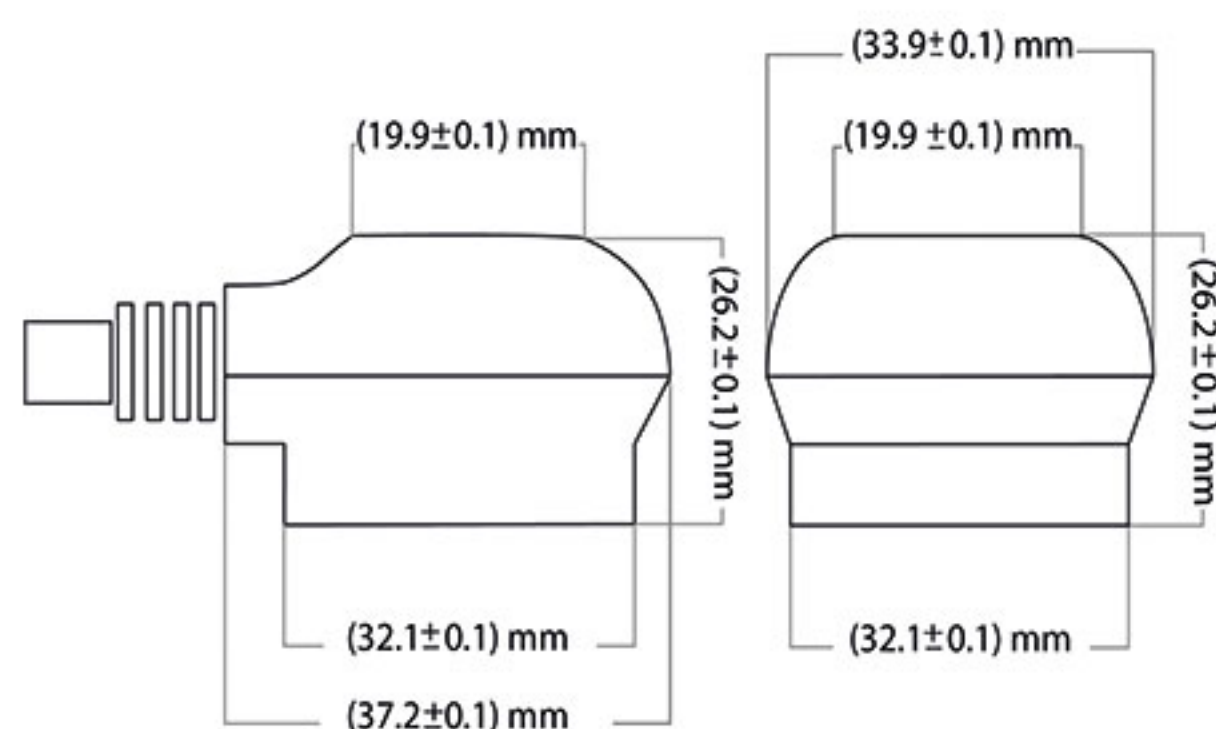
Custom-made products are available on demand.

Mechanical description of the optical probe OP-410

- Connector: RJ-10
- 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. 90 gr.

Electronic description of the optical probe OP-410

- Standard: IEC 62056-21 (IEC 1107)
- Power supply: 7-13 Volt
- Consumed current: approx. 15 mA
- Signal level: RS-485
- Data baud rate : 19200 bit/S
- Wavelength: 880nm
- Echo filter: yes



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Pin	Signal	Color	Description
1	VCC	Red	7-13 Volt
2	D-	White	Data A
3	D+	Green	Data B
4	GND	Black	Ground

