



Wire	Signal	Color	Description
1	VCC	Yellow	Power Supply
2	B-	White	Data B (Inverting Pin)
3	B+	Green	Data A (non-Inverting Pin)
4	GND	Brown	Ground

# OP-400

## Optical probe with RS-485 output signal

### Overview

OP-400 is an IEC62056-21 optical head with RS485 (no connector) output that communicates with all types of metering devices that are compliant with IEC62056-21 standard via infrared. This device can be used for onsite reading and configuring of all types of meters or other devices that are compatible with IEC62056-21 standard

### Mechanical Specifications

Connector	Without 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 2 m, Ø 4,5 mm, four-wire cable (LAPP KABEL GERMANY)
Weight	Approx. 90 gr

### Electrical Specifications

Standard	IEC 62056-21 (IEC 1107)
Power supply	5 -12 V
Maximum current	15 mA
Signal level	RS-485
Maximum baud rate	from 300 to 19200 bit/S
Wavelength	880nm
Echo filter	Yes



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