



Pin	Signal	Description
1	VCC	+5 Volt or DTR
2	GND	Ground
3	TXD	RS-232 Transmit data
4	RXD	RS-232 Receive data

# OP-345

## Optical probe with RS-232 output signal

### Overview

OP-345 is an IEC62056-21 optical head with RS232(RJ-45) 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 description

Connector	RJ-10
Infrared filter against external light influences	
Dimensions (Ø x H)	approx. 32 x 26 mm
Magnetical holding force	> 15 N
Casing material	ABS
Cable	Length 2 m, Ø 4,5 mm, four-wire cable LAPP GERMANY
Weight	approx. 95 gr

### Electronical Description

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	from 300 to 19200 bit/s
Wavelength	880nm
Echo filter	yes



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