



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

## OP-305

### Optical probe with RS-232 output signal

#### Overview

OP-305 is an IEC62056-21 optical head with RS232 (DB-9) 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.

#### Advantages

- ▶ Connector a serial DB-9 male 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. 110 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	880 nm
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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