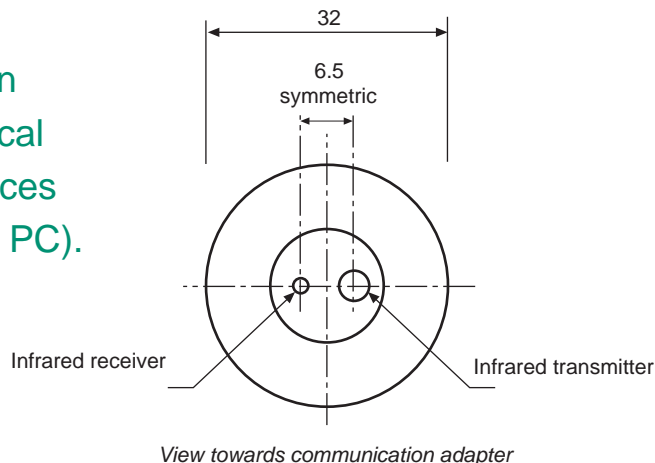


Technical Specification

- ✓ Optical communication adapter accord. to IEC 62056-21 (former IEC 1107) between electricity meters with optical interface and reading devices with RS232 interface (e.g. PC).
- ✓ Magnet adaption
- ✓ Battery-independent



Technical Specification

Operating voltage	Supply from data recording equipment (advantages value +5 V)
Interface RS232	TxD - transmit data Rx D - receive data GND - ground V _P - pos. operating voltage
Transmission speed	300 - 9600 Baud (The speed can be limited by the max. transmission speed of the tariff device)
Wave length	880 nm
Dimensions	Diameter: 32 mm Height: 26 mm
Housing	Aluminium anodized
Retention force:	> 10 N
Cable length	approx. 1.9 m
Weight	approx. 120 g (incl. cable)

Through the 9-pin SUB-D socket, the connection of the optical communication adapter to all PCs with Windows system (Win98, Win2000, WinXP) is supported.

Interference from the daylight is avoided by infrared filter.



OKK-RS232

Optical Communication Adapter

for meter reading through D0 interface

EMH Elektrizitätszähler
GmbH & Co KG

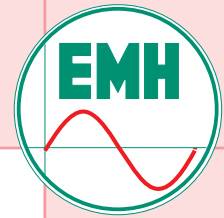
Südring 5
D-19243 Wittenburg

Tel. +49 - (0)3 88 52 - 645 - 0
Fax +49 - (0)3 88 52 - 645 - 29

Email info@emh-meter.de
Internet www.emh-meter.de

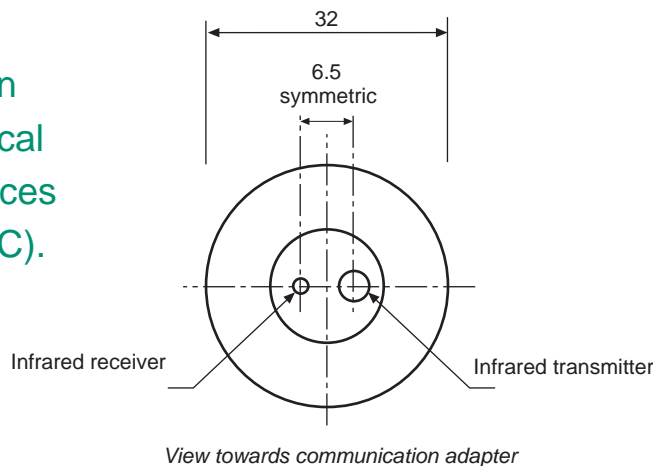
Edition: 12 February 2004

Product Specifications are subject to change without notice.



Technical Specification

- ✓ Optical communication adapter accord. to IEC 62056-21 (former IEC 1107) between electricity meters with optical interface and reading devices with USB interface (e.g. PC).
- ✓ Magnet adaption
- ✓ Battery-independent



Technical Specification

Operating voltage	5V passive (from USB interface) 10mA transmitting operation
Electrical interface	USB V1.1
Transmission speed	Baud rate 300 - 19.200 baud, half duplex (The speed can be limited by the max. transmission speed of the tariff device)
Wave length	880 nm
Dimensions	Diameter: 32 mm Height: 26 mm
Housing	Aluminium anodized
Retention force:	> 10 N
Cable length	approx. 2.50 m
Weight	approx. 100 g (incl. cable)

PC driver software on CD-ROM:
Win98, Win2000 and WinXP driver versions,
COM Port selectable,
for EMW-ZKP COM 1 to COM 6 are possible

Through the USB-standard-plug typ A, the connection of the optical communication adapter to all PCs with Windows system (Win98, Win2000, WinXP) is supported.

Interference from the daylight is avoided by infrared filter.



OKK-USB

Optical Communication Adapter

for meter reading through D0 interface

EMH Elektrizitätszähler
GmbH & Co KG

Südring 5
D-19243 Wittenburg

Tel. +49 - (0)3 88 52 - 645 - 0
Fax +49 - (0)3 88 52 - 645 - 29

Email info@emh-meter.de
Internet www.emh-meter.de

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