OP-205

Optical probe with USB output signal

Overview

OP-205 is an IEC62056-21 optical head with USB (Micro USB Type B) 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.

OP-205 is compatible with different operating systems such as Mac, Windows, Windows Mobile, Linux, etc. use. The driver for this purpose is included.

Electronical Description

○	Standard	IEC 62056-21 (IEC 1107)
○	Power consumption	approx. 25mA
○	Operating voltage	5V (from USB interface)
○	Data baud rate	from 300 to 19200 bit/s
○	Electrical interface	USB 1.0
○	Communication	Half duplex
○	Wavelength	880nm
○	Echo filter	yes

OPTICAL Port   HI-SPEED CERTIFIED USB   USB PORT   POWERFUL MAGNET

Mechanical Description

- Connector   Micro-USB-B
- 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. 90 gr

Driver Support (VCP)

Royalty free Virtual COM PORT (VCP) Drivers
Windows 10 32, 64-bit
Windows 8 32, 64-bit
Windows Vista 32, 64-bit
Windows 7 32, 64-bit
Windows Server 2003, 2008
Windows XP 32, 64-bit
Windows XP Embedded
Windows CE 4.2, 5.0 and 6.0
Mac OS-X
Linux 3.2 and greater
Android

Driver Support (D2XX)

Royalty free D2XX Direct Drivers (USB Drivers + DLL S/W Interface)
Windows 10 32, 64-bit
Windows 8 32, 64-bit
Windows Vista 32, 64-bit
Windows 7 32, 64-bit
Windows Server 2003, 2008
Windows XP 32, 64-bit
Windows XP Embedded
Windows CE 4.2, 5.0 and 6.0
Mac OS-X
Linux 3.2 and greater
Android