

COMMUNICATION INTERFACE

type IF-232U interface RS-232 / USB

type IF-485U interface RS-485 / USB



- power supply from computer's USB port
- data transmission indication
- galvanic isolation between the PC and the RS port**
- cooperation with all devices with a RS-485 or RS-232 serial port and with a dedicated application software for them

Interfaces: IF-IF-232U and 485U are used to connect devices with a serial port, respectively, RS-232 and RS-485 with a computer having a USB port and Windows® system installed.

The electronic system is placed in a plastic casing fitted on one side with a USB-B4 connector, and on the other - a detachable terminal to connect to the RS port.

The interface is powered from the USB port and provides galvanic isolation PC - RS.

Bidirectional data transmission is indicated by the appropriate LEDs: RxD (green) - computer receives, TxD (yellow) - computer transmits.

The interface is supplied complete with USB cable A4-B4 to connect with your computer and the drivers for Windows®.

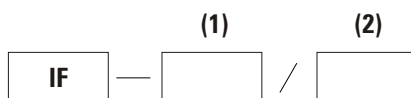
After installing the drivers and connecting the interface an additional virtual serial port appears on your computer.

Drivers can also be downloaded free of charge from www.czaki.pl.

TECHNICAL DATA

Connector type for computer link	USB-B4 socket
Standard for signals from the computer	USB1.1, USB2.0
Current consumption from USB port	ca. 25 mA
Galvanic isolation between connectors	500 V AC
RS-232 standard (IF-232U)	TIA/EIA-232-F, TxD and RxD only
RS-485 standard (IF-485U)	TIA/EIA-485-A
Maximum baud rate	230 bps
Ambient temperature	0 ... 50 °C
Dimensions / weight	50 x 35 x 20 mm / ca. 20 g
USB A4-B4 cable length in the set	2 m

ORDERING CODE



(1) Device port standard

232U for RS-232, **485U** for RS-485

(2) Specification of the cable to the device (optional)

device type, cable type and the length, connector type

Example for order:

IF-485U means interface for communication between the PC USB and the device with RS-485 port.

IF-232U / WRT-9, LiYY 3x0,25, 15m means interface for communication between the PC USB, and WRT-9 temperature logger with RS-232 port. Additional equipment is a cable type LiYY 3x0,25mm2, 15m length for connecting interface with the logger.