

# wylerCONNECT

P/N: 029-0001-003



## Technical specifications

<b>External power</b>	USB 5V (max. 500 mA)
<b>Dimensions L x W x H</b>	71 x 65 x 41 mm
<b>Weight</b>	140 g
<b>Operation temperature</b>	0 ... 40 °C
<b>Storage temperature</b>	-20 ... 60 °C
<b>Protection class</b>	IP 64

## Connectivity

<b>Software</b>	wylerEXPLORER: v2.0.5.0 or higher wylerSPEC: v2.0.5.0 or higher wylerINSERT: v2.0.4.0 or higher wylerDYNAM: v2.0.0.0 or higher wylerCHART: v2.0.0.0 or higher wylerPLOT: v1.0.0.0 or higher
<b>Interfaces</b>	PC connection: USB (PC connection) Cable-bound device connection: wyBus RS485 wyBus RS232 Radio based device connection: Bluetooth Bluetooth low energy (BLE) IR Trigger: wylerTRIGGER

## RS485

<b>Digital output</b>	RS485, 7 DataBits, 2 StopBits, no parity, 9600-57600 bps
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## RS232

<b>Digital output</b>	RS232, asynchronous, 7 DataBits, 2 StopBits, no parity, 9600-57600 bps
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### Cable-bound communication

The wylerCONNECT supports devices that are equipped with the RS485 bus system (cable-bound). Due to the different functions of the devices, there are three different protocol types which are not compatible with each other. This means that devices with different protocols cannot be mixed. Devices with the same protocol are grouped together.

The following table shows the devices supported by the wylerCONNECT sorted by the communication protocol:

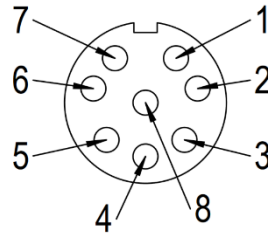
Cable-based communication protocol	
<b>RS485 stdSYSTEM</b>	ZEROTRONIC 3 ZEROTRONIC C ZEROMATIC 2/1 and 2/2 Clinotronic PLUS MINILEVEL NT wylerZERO Bus Precision 2D block ZEROTRONIC Modular
<b>RS485 blueSYSTEM</b>	BlueLEVEL Basic BlueLEVEL BlueLEVEL II BlueLEVEL-2D wylerLEVEL wylerLEVEL Frame wylerCLINO wylerCLINO Frame BlueCLINO BlueCLINO HP BlueMETER SIGMA
<b>RS232 legacy</b>	LEVELMETER 2000 with/without radio Clino2000
<b>Attention: needs a special cable</b>	

### Radio based communication

Due the limitation of radio communication, a maximum of 6 devices can be simultaneously used. However, the number may be reduced in environments with harmful interference.

Radio based communication	
<b>radio blueSYSTEM</b>	BlueLEVEL BlueLEVEL II BlueLEVEL-2D wylerLEVEL wylerLEVEL Frame wylerCLINO wylerCLINO Frame BlueCLINO BlueCLINO HP
<b>BLE</b>	Clinotronic S

### Pinout Port WyBus



female

Pin	Name	Description
1	--	Reserved (unconnected)
2	GND	Ground
3	+ 5 V	+5 V DC power out
4	RTA / TX	WYLER RS485 channel A or RS232 transmit line
5	RTB	WYLER RS485 channel B
6	RX	RS232 receive line
7	--	Reserved (unconnected)
8	--	Reserved (do not connect)

#### Please Note:

To lock the connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 Ncm).