

wylerCONNECT

P/N: 029-0001-003	Radio built in	Housing with wood
P/N: 029-0001-003-01	Radio built in	Housing plastic
P/N: 029-0002-003	Cable version	Housing with wood
P/N: 029-0002-003-01	Cable version	Housing plastic

Housing with wood



Housing plastic



Technical specifications	Housing with wood	Housing plastic
External power	USB 5V (max. 500 mA)	
Dimensions L x W x H	65 x 71 x 41 mm	
Weight	0.14 kg	0.19 kg
Operation temperature	0 ... 40 °C	
Storage temperature	-20 ... 60 °C	
Protection class	IP 64	

Connectivity	
Software	wylerEXPLORER wylerSPEC wylerINSERT wylerDYNAM wylerCHART wylerPLOT
Interfaces	PC connection: USB (PC connection) Cable-bound device connection: wyBus RS485 wyBus RS232 Radio based device connection: (P/N: 029-0001-003 Radio built in only) Bluetooth Bluetooth low energy (BLE) IR Trigger: wylerTRIGGER

RS485
Digital output

RS485, 7 DataBits, 2 StopBits, no parity, 9600-57600 bps

RS232
Digital output

RS232, asynchronous, 7 DataBits, 2 StopBits, no parity, 9600-57600 bps

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
RS485 stdSYSTEM

ZEROTRONIC 3
ZEROTRONIC C
ZEROMATIC 2/1 and 2/2
Clinotronic PLUS
MINILEVEL NT
wylerZERO Bus
Precision 2D block
ZEROTRONIC Modular

RS485 blueSYSTEM

BlueLEVEL Basic
BlueLEVEL
BlueLEVEL II
BlueLEVEL-2D
wylerLEVEL
wylerLEVEL Frame
wylerCLINO
wylerCLINO Frame
BlueCLINO
BlueCLINO HP
BlueMETER SIGMA

RS232 legacy

LEVELMETER 2000 with/without radio
Clino2000

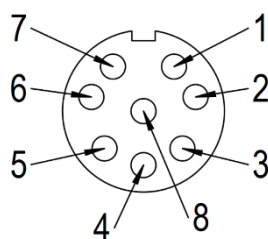
Attention: needs a special cable

Radio based communication (P/N: 029-0001-003 Radio built in only)

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 (P/N: 029-0001-003 Radio built in only)

Radio	BlueLEVEL BlueLEVEL II BlueLEVEL-2D wylerLEVEL wylerLEVEL Frame wylerCLINO wylerCLINO Frame BlueCLINO BlueCLINO HP wylerACCESS
BLE	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).