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www.wylerag.com/en/contact/representatives/

Thank you for choosing WYLER!

Read this quick reference before start working with the **wylerZERO Bus** measuring instrument

Please observe the safety instructions.

Brand and Type

Brand: wylerZERO Bus
P/N: 065H105-1000-0710, 065H150-1000-0710, 065H200-1000-0710, 065-900-000-604 (Alu base)

Warning!

The following sign is used in this Quick Reference:
This is intended to indicate special dangers



Safety instructions

The **wylerZERO Bus** complies with the applicable directives and standards, see: nameplate on the back of the device.

Intended Use

The **wylerZERO Bus** is designed exclusively for measuring inclination angles.
Attention! There is no other use!

Not intended use

The device does not serve as a support in vices! The precise housing can deform.
Do not immerse underwater! Since the device may suffer a short circuit inside.
Do not use as a hammer! The damaged measuring surfaces are then no more precise.
Do not throw the device! The housing can cause serious injury.
Do not use this device near sources of strong electromagnetic energy Radiation (e.g., unshielded radio frequency source) since it can interfere with the operation of the device



Technical Data, Mass, Weight, Operation, Storage

Measuring Range:	$\pm 10^\circ$	Sensitivity:	2 up to 8 arcsec
Dimensions LxWxH:	105/150/200 x135/139x45 mm	Power Supply:	5/24 V DC
Weights:	Steel base: 105 mm_ 1.8 kg, Alu base: 105 mm_ 1.1 kg	150 mm_ 2.1 kg, 200 mm_ 2.6 kg	
Power consumption:	max 600 mW		
Storage and operation temperature:	-40° up to 85 ° C		

Scope of delivery

- wylerZERO Bus
- Quick reference plus options according order

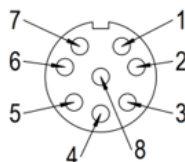


SPECIFICATIONS OF ZEROTRONIC-SENSORS

General

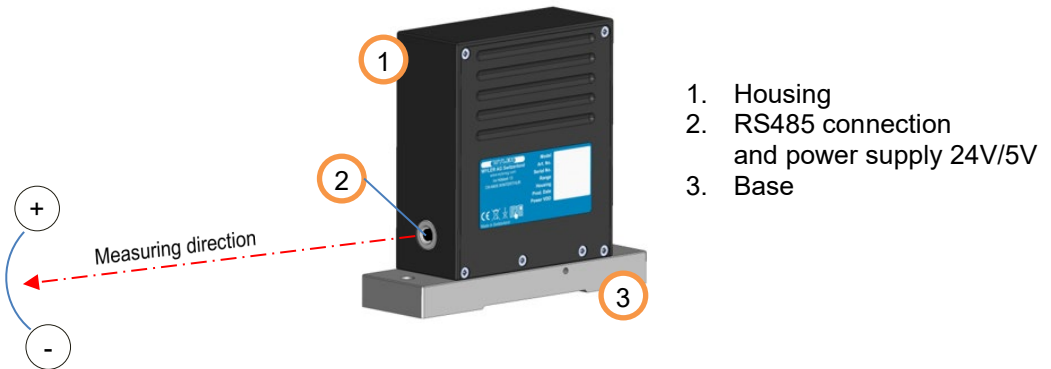
- RS485 Bus-Interface
- Automatic baud rate detection 4'800 .. 57'600 baud

Pinout Port



Pin	Name	Description
1	+24 V	+ 24 V Power
2	GND	Ground
3	+ 5 V	+5 V Power
4	RTA	Wyler RS485 channel A
5	RTB	Wyler RS485 channel B
6	--	Not used
7	--	Not used
8	--	Not used

Overview



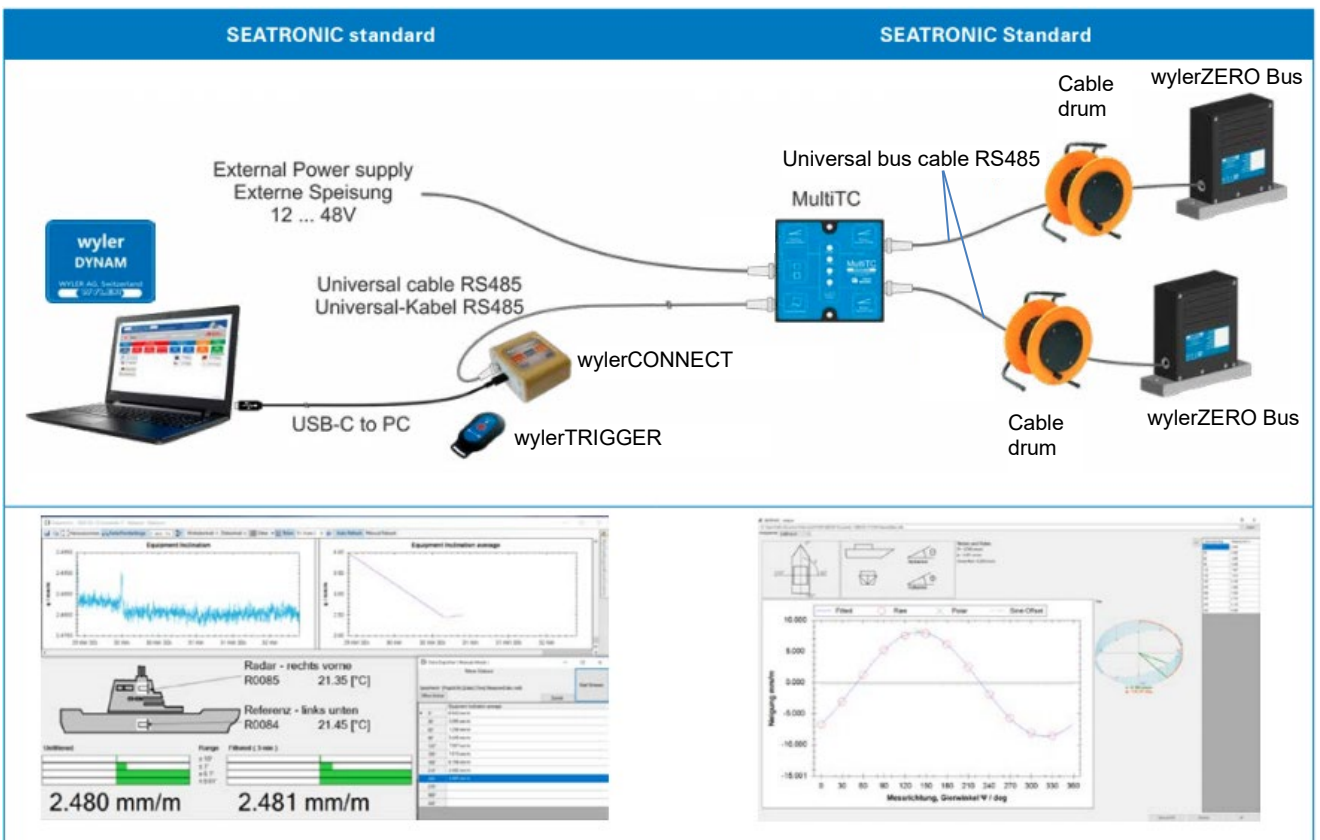
Application

Use wylerZERO Bus as cable based measuring instrument with long distance data transfer.

Typical use:

1. Alignment of machines, ship segments, plates etc. with **BlueMETER SIGMA** as remote display
2. Comparative measurements of the Seatronic type with software **wylerDYNAM** and Seatronic application.
3. Measurement of geometry of large machines with wylerCONNECT and software like **wylerSPEC**

Example: Longdistance connection for “Seatronic” application



For other applications contact our representatives listed at www.wylerag.com.

Decommissioning, disposal



When decommissioning the wylerZERO Bus, please follow the local regulations for disposal of electronic waste.