

WYLER AG, Im Hölderli 13 CH-8405 Winterthur	Datasheet Multi TC	949-DB-0010
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Multi TC

P/N: 065-003-000-001

The MultiTC is a system component and an interface to connect WYLER-sensors (ZEROTRONIC or ZEROMATIC) with a laptop.

- MultiTC provides an easy way to power the sensors, either through the USB port of a laptop or via a separate 24 V power supply.
- The measuring values are transferred from the sensors via the MultiTC to an RS232- or a USB port of the laptop, where the values can be evaluated with one of the WYLER measuring software like wylerSPEC, wylerCHART or wylerDYNAM.
- MultiTCs can be cascaded, that means, several MultiTCs can be connected to each other allowing wide area system configuration with several sensors.
- Four LEDs allow simple monitoring of the status of the communication as well as of the power supply

DC- Characteristics

Characteristics	Value
Power Supply +24V	12 ... 32 V
Power Supply +5V	4.5 ... 5.5 V
Power Consumption	max. 450 mW

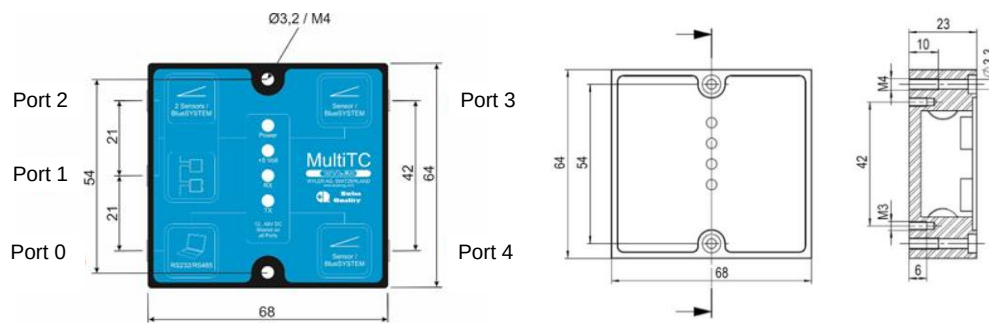
Common Characteristics

Characteristics	Value
Interfaces	RS232 on Port 0 RS485 on Port 0, 1, 2, 3, 4
Software	wylerEXPLORER wylerSPEC wylerINSERT wylerDYNAM wylerCHART
Connectivity	RS232 cable set with Adapter RS232 / USB wylerCONNECT
Operation temperature	-40 ... 85°C
Storage temperature	-40 ... 85°C

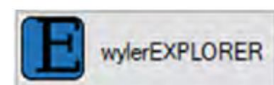
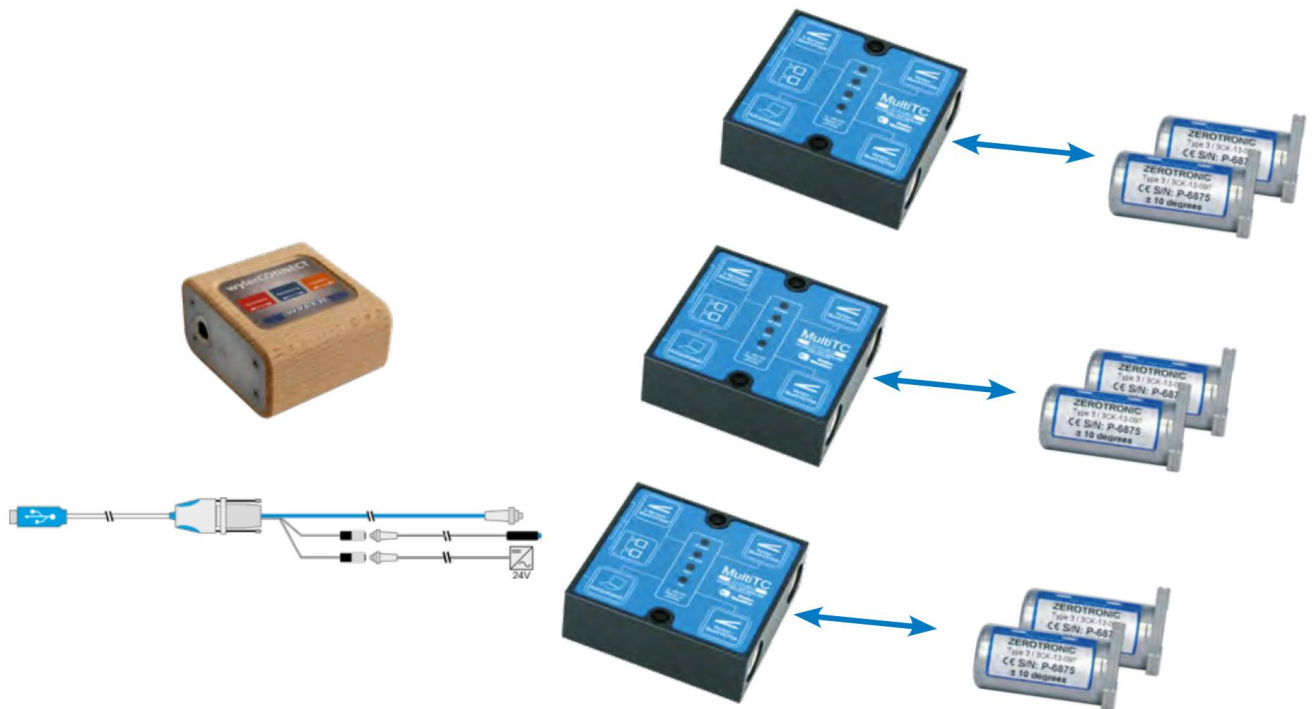
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Mechanical Characteristics

Housing	Value
Material	Aluminum - black anodized
Length	68 mm
Width	64 mm
Height	23 mm
Protection class	IP 50
Net Weight	190 g

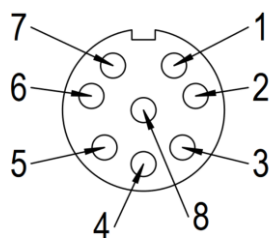


Configurations



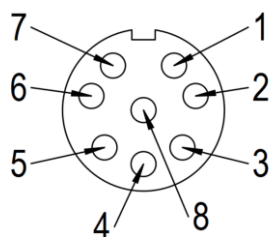
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Pinout Port 0



Pin	Name	Description
1	+24 V	+ 24 V Power
2	GND	Ground
3	+ 5 V	+5 V Power
4	RTA / TX	Wyler RS485 channel A or RS232 transmit line
5	RTB	Wyler RS485 channel B
6	RX	RS232 receive line
7	RTS	RS232 request to send
8	Key	Trigger Key

Pinout Port 1, 2, 3, 4



Pin	Name	Description
1	+24 V	+ 24 V Power
2	GND	Ground
3	+ 5 V	+5 V Power
4	RTA / TX	Wyler RS485 channel A
5	RTB	Wyler RS485 channel B
6	--	Reserved (unconnected)
7	--	Reserved (unconnected)
8	Key	Trigger Key

Please Note:

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

To lock the cable connector B to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).

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