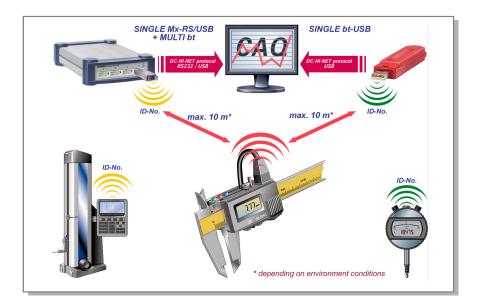# 1. Order information DC-HI-NET bt

With **DC-HI-NET bt** we offer a solution for **wireless measurement data logging** via **Bluetooth**®.
The **bt transmitters** are easy to install on measurement instruments and are available for DIGIMATIC- / OPTO- / PROXIMITY- / POWER- and RS232 data export. Activation of measurement value transfer occurs via transfer button on the transmitter or measurement device. Three color LEDs make visualization of the transfer status possible. Clear assignment of the transmitter to a DC-HI-NET measurement channel occurs via the transmitter's ID number.

The **bt receivers** are available in two variants: **SINGLE bt-USB** for direct connection via the PC-USB interface in DC-HI-NET protocol and the plug-in solution **MULTI bt** for a connection to the MULTI input (via MULTI bt special driver) of a DC-HI-NET interface device.

The following components are required for data collection with DC-HI-NET bt:

1. One DC-HI-NET *bt Receiver*

- For connection to a **PC USB interface**: SINGLE bt-USB
- For connection to a **DC-HI-NET MULTI input**: MULTI bt

2. DC-HI-NET *bt Transmitter*

- Suitable measurement device type for installation on device
- With 3 V lithium batteries, plastic housing (52 x 26 x 16 mm^3)

Delivery includes one manual.

2. Product survey DC-HI-NET bt

The usage outside of the EU and EFTA is not permitted!

SINGLE bt-USB	**bt receiver**	**20-27-0410**
Connection: 8x DC-HI-NET bt transmitter Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on bt transmitter Size: 12 x 21 x 77 mm (H x W x D)	Interface device for wireless connection of measuring instruments with DIGIMATIC and OPTO / PROXIMITY / POWER interface type via DC-HI-NET bt transmitter. PC connection and power supply via USB interface.	

SINGLE bt-USB (S1)	**bt receiver with connector for foot/hand switch**	**20-27-0411**
Connection: 8x DC-HI-NET bt transmitter Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on bt transmitter Data capture: Connector for foot / hand switch Size: 12 x 21 x 77 mm (H x W x D)	Interface device for wireless connection of measuring instruments with DIGIMATIC and OPTO / PROXIMITY / POWER interface type via DC-HI-NET bt transmitter. PC connection and power supply via USB interface.	

SINGLE bt-K	**bt receiver with PC keyboard interface (HID)**	**20-26-0410**
Connection: 8x DC-HI-NET bt transmitter Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on bt transmitter Size: 12 x 21 x 77 mm (H x W x D)	Interface device for wireless connection of measuring instruments with DIGIMATIC and OPTO / PROXIMITY / POWER interface type via DC-HI-NET bt transmitter. PC connection and power supply via USB interface.	

MULTI bt	**bt receiver**	**20-29-0510**
Connection: max. 8x DC-HI-NET bt transmitter Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on bt transmitter Size: 9 x 20 x 65 mm (H x W x D)	Receiver for wireless measurement instruments connection with DIGIMATIC type interfaces and OPTO / PROXIMITY / POWER via DC-HI-NET bt transmitter. Connection with DC-HI-NET interface devices with MULTI input.	

MULTI bt special driver	**Firmware for DC-HI-NET**	**20-30-9987**
	Firmware for the connection of a MULTI bt receiver with a DC-HI-NET MULTI input.	

bt special driver	**Firmware for DC-HI-NET**	**20-30-9988**
	Firmware for MULTI bt / SINGLE bt-USB **extension for remote request of values triggered by the STEINWALD foot/hand switch**	

bt transmitter	**1x Mitutoyo DIGIMATIC (5 pin/flat)**	**20-29-0601**
Connection: 1x Mitutoyo DIGIMATIC measurement instrument Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for measurement instruments with Mitutoyo DIGIMATIC interfaces (compatible to DIGIMATIC cable no 905338/905409 - 5-pin./flat - connection adapter angled to the right, left or rear available).	

bt transmitter	**1x Mitutoyo DIGIMATIC (5-pin./Data switch)**	**20-29-0607**
Connection: 1x Mitutoyo DIGIMATIC measurement instrument Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for measurement instruments with Mitutoyo DIGIMATIC interfaces (compatible to DIGIMATIC cable no 959149/959150 - 5-pin./flat with data switch).	

bt transmitter	**1x Mitutoyo DIGIMATIC (6-pin./round)**	**20-29-0608**
Connection: 1x Mitutoyo DIGIMATIC measurement instrument Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for measurement instruments with Mitutoyo DIGIMATIC interfaces (compatible to DIGIMATIC cable no 937387/965013 - 6-pin./round).	

bt transmitter	**1x Mitutoyo DIGIMATIC (10-pin.)**	**20-29-0602**
Connection: 1x Mitutoyo DIGIMATIC measurement instrument Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for measurement instruments with Mitutoyo DIGIMATIC interfaces (compatible to DIGIMATIC cable no 936937/965014 - 10-pin.).	

bt transmitter	1x Mitutoyo DIGIMATIC calipers IP6x	20-29-0615
Connection: 1x Mitutoyo DIGIMATIC measurement instrument Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for Mitutoyo DIGIMATIC calipers IP6x (compatible to DIGIMATIC cable no 05CZA624/05CZA625).	

bt transmitter	1x Mitutoyo DIGIMATIC micrometer IP6x	20-29-0616
Connection: 1x Mitutoyo DIGIMATIC measurement instrument Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for Mitutoyo DIGIMATIC micrometer IP6x (compatible to DIGIMATIC-cable no 05CZA662/05CZA663).	

bt transmitter	1x Mahr MarConnect	20-29-0609
Connection: 1x Mahr MarConnect interface Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for Mahr measurement instruments with interface MarConnect (Atorn multiCOM / Helios-Preisser DATA VARIABLE).	

bt transmitter	1x Mahr MarConnect Duplex	20-29-0610
Connection: 1x Mahr MarConnect Duplex interface Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for Mahr measurement instruments with interface MarConnect Duplex (compatible to Mahr Digimatic-cable DK-D1, no 4102606).	

bt transmitter	1x Sylvac OPTO	20-29-0600
Connection: 1x Sylvac OPTO measuring device Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for measurement instruments with Sylvac OPTO interfaces (direct output) and compatible models (e.g. Atorn, Diatest, Käfer, Kordt, Mahr / Helios, Preisser, Sylvac, Tesa).	

bt transmitter	1x Sylvac PROXIMITY	20-29-0629
Connection: 1x Sylvac PROXIMITY measuring device Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for measurement instruments with Sylvac PROXIMITY interfaces.	

bt transmitter	1x Sylvac POWER	20-29-0619
Connection: 1x Sylvac POWER measuring device Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for measurement instruments with Sylvac POWER interfaces.	

bt transmitter	1x Kroeplin-Digimatic	20-29-0603
Connection: 1x Kroeplin-Digimatic Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for Kropelin internal/external measurement instrument with Digimatic interface.	

bt transmitter	1x Kroeplin-Digimatic	20-29-0626
Connection: 1x Kroeplin-Digimatic Transmission: 2,4 GHz (Bluetooth®) Data transfer: Transfer button on transmitter Max. range: 10 m	bt transmitter including connection adapter for Kropelin internal/external measurement instrument C-/G series via Kroeplin interface Mitutoyo Digimatic no 1961-09	

DC-HI-NET bt

bt transmitter	**1x RS232 (customer specific)**	**20-29-0699**

Connection: 1x RS232
Transmission: 2,4 GHz (Bluetooth®)
Data transfer: Transfer button on transmitter
Max. range: 10 m

bt transmitter including connection adapter **for instruments with RS232 interface e. g.:**

- **Bareiss HPE II SHORE**
- **BYK-GARDNER Spectro-Guide 6834**
- **Chatillon DFE II**
- **CHECKLINE TI-007**
- **Heidenhain ND 280**
- **Karl Deutsch ECHOME-TER 1076**
- **Kern PCB series**
- **Keyence DL-RS1A**
- **KRAUTKRAMER CL5**
- **Lorentzen & Wettre Micrometer Code 250**
- **Mahr DIGIMAR 816 CL / 817 CLM / CX1/2**

- **Mahr MarSurf PS10/M 300/400**
- **Mecmesin AFG Mk IV**
- **Metro M3**
- **Olympus 38DL Plus**
- **Sartorius Combics IP-44**
- **SOEHNLE Weighing Terminal 3010**
- **Sylvac Hi_Cal 150/300/450**
- **Tesa HITE 400/700 MICRO-HITE 350/600/900 MICRO-HITE PLUS M 350 / 600/900**
- **Trimos V3/4/5/6/7/9**

Measurement device connection only via special drivers in DC-HI-NET interface.