the H@rt BluePack
HART-Bluetooth Interface

The "the H@rt BluePack" is a versatile interface which supports wireless (Bluetooth) and wired (USB) access to a HART network. It can be employed as an up-to-date replacement for the still widely used RS-232-HART modem solutions. Additionally to its modem capabilities the H@rt BluePack runs an embedded HART master stack.

The active HART master stack guarantees compliance with the HART timing requirements regardless of the speed of the PC host application or the data transmission quality between the host and the Bluetooth device.
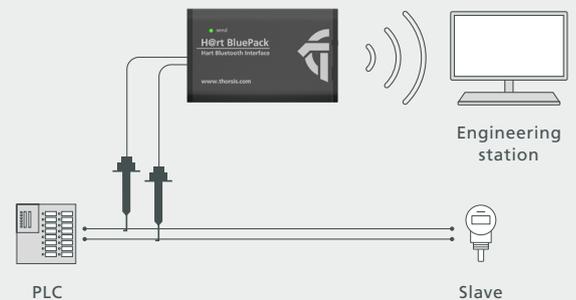
Technical data	
Bluetooth Modem	WT11 (Bluegiga)
HART Modem Chip	DS 8500
Connector	2-pole current terminal / Mini-USB
Transmission rate	USB: 12Mbit/s; HART: 1200 Bit/s; Bluetooth: up to 2,1 Mbit/s
Power supply	3 x AAA Batteries or USB-cable
Size (WxDxH) in mm	84 x 54 x 26
Weight	106 g (without Batteries)
Cable length	≈1,5 m
Driver software	Windows XP, Vista, Windows 7, 8, 10, 11
Compatible with	Simatic PDM© Siemens, HCF-Server Emerson AMS Device Manager PACTware Endress+Hauser FieldCare ABB Asset Vision Basic

Bluetooth

1. Instructions for Installation with a PLC

Engineering station

PLC

Slave

2. Instructions for Installation with a 24 V power source

Engineering station

240 Ω

Slave

24 V