

isDNet USB

FOUNDATION Fieldbus USB Interface



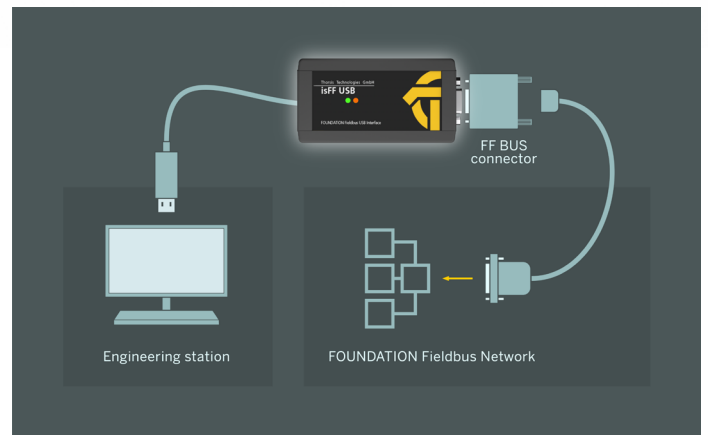
The isFF USB interface supports an easy and quick commissioning of FOUNDATION Fieldbus devices. Due to its USB bus power supply and plug-and-play functionality it is ready to use within seconds. Every FDT frame application can be used with the device as it can be accessed via an FDT 1.2-compliant communication-DTM.

The isFF USB is able to power one FOUNDATION Fieldbus Field device with the integrated power source. Therefore it is suitable especially as a tool for bench top commissioning and/or faster starting up, expensive wiring and additional power supply can be dropped. A powerless connection to an existing FF network segment is also possible.

The isFF USB interface consists of two components: the basic unit and the adapter for the FF-bus connection.

In order to work with an FF network, both components must always be operated together.

The isFF USB is powered via the USB cable, a separate power cable is not necessary.



Technical data

USB Interface	USB 2.0
Controller	Motorola Coldfire
FF-Interface	H1, Linkmaster
Transfer rate	31,25 kBit/s
Power supply	22 ... 24 V, max. 15 mA
Flash	256 kByte
RAM	256 kByte
Temperature range	0° C ... 60° C
Dimensions (Basic device)	105 x 54 x 30 mm
Dimensions (Converter)	36 x 35 x 16 mm
Driver software	Windows 7, 8, 10, 11
Available software	FDT1.2 (isFF CommDTM)