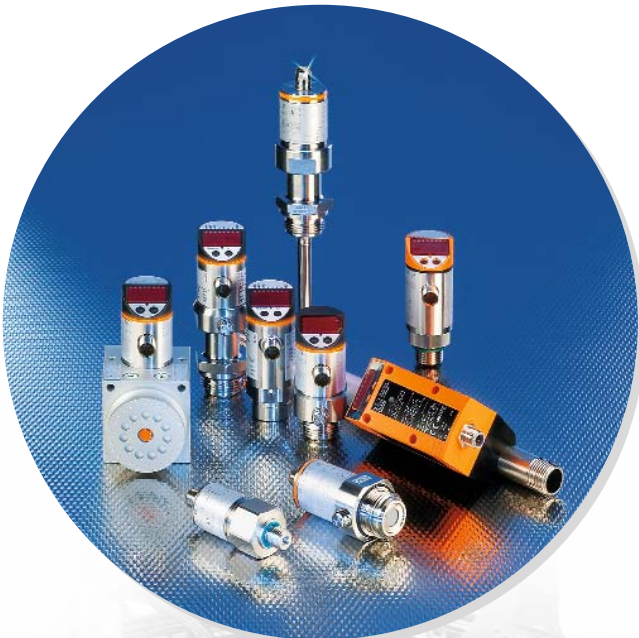




# Standard USB interface for parameter setting of sensors.



For parameter setting of sensors before or during set-up.

- Quick and easy to mount.
- Supports the parameter setting of IO-Link and EPS sensors.
- In combination with FDT manufacturer-independent exchange of data.
- Device configuration, documentation and diagnostics for the entire plant.
- No additional sensor supply required.



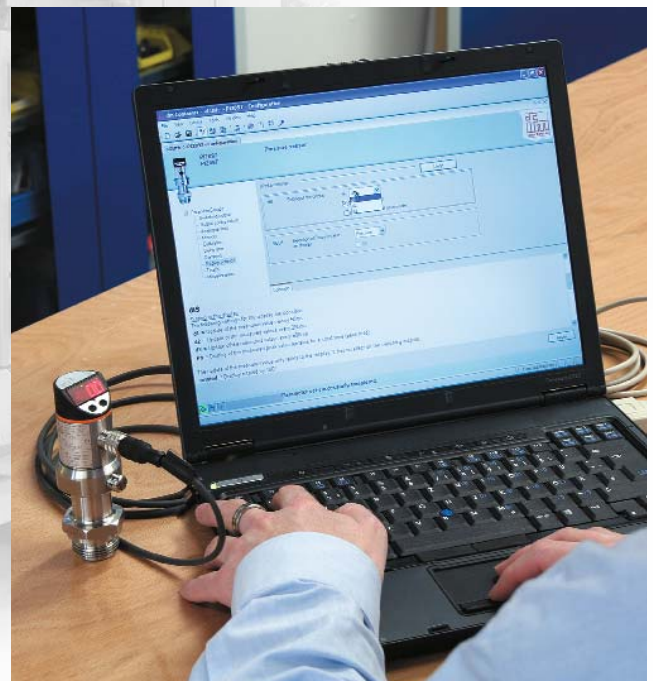
## USB interface for parameter setting of sensors

The USB interface has long been established as standard interface on common PCs and notebooks and replaced the RS-232 interface common in the past.

ifm allows for this development and provides an USB interface (USB 2.0) enabling direct parameter setting of IO-Link and EPS sensors via the USB interface of a computer.

To do so, the sensor to be parameterised does not have to be supplied via an additional power supply. The unit is directly supplied from the PC.

In combination with the ifm Container, which is provided free of charge on CD, parameter setting and documentation are a child's play.




Easy parameter setting of sensors via notebook and USB IO-Link / EPS interface

fluid sensors and diagnostic systems

position sensors and object recognition

bus, identification and control systems

**Products**

Description	Order no.
<b>Interface</b>	
 USB IO-Link / EPS interface	<b>E30396</b>

**Use in combination with the FDT technology**

The USB interface can be used in combination with the supplied ifm FDT Container.

The FDT technology standardises the communication interface between field devices and the system environment. The special feature of this technology is that it is independent of the communication protocol used and the software environment. Moreover, the user is independent of the selected unit and control system used.

In brief: With FDT it is possible to address any unit via any system using any protocol – now also via the standardised USB interface.

**System requirements:**

- Windows 2000 / XP / Vista
- free USB 2.0 port
- 1 MB free memory space on hard disk
- installed FDT or EPS software

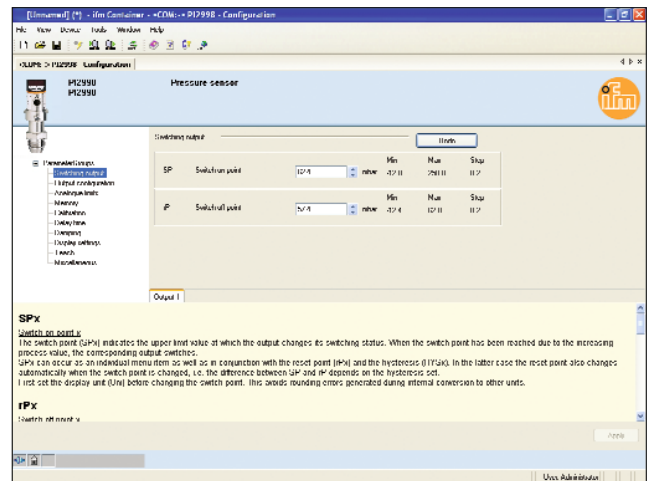
**Technical data**

USB IO-Link / EPS interface		
Input voltage (via PC)	[V]	+5
Max. current consumption from USB port:	[mA]	500
Supply voltage for IO-Link / EPS sensors	[V]	24
Max. operating current of the sensor	[mA]	65
Recommended length of the connection cable to the sensor	[m]	ca. 2
Max. length of the USB connection cable	[m]	40

**The FDT software ...**



**... in the Classic mode**



**... in the FDT mode**

