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**1. FAQ**

**Q: Ups, I forgot to read the instructions and loaded a standard Windows USB driver.**

The USB driver should be uninstalled  
Download the uninstall procedure and follow it carefully.

**Q: There is no communication between my PC and the FlexProgrammer 9701 (FP 9701).**

Check if the PC is able to recognise the USB plug.  
Select: Settings/control panel/system/hardware/device manager/USB controllers  
The name "FT232-245 USB Device" should be present in the list.  
Right click and select Properties.  
"Location 0 (FT232R USB UART FlexProgrammer9701)" should be displayed.

If the readings are as indicated the connection from the FP 9701 to the PC is correct.  
If not install the USB driver.

Download the file "FlexProgram-Installation-Update\_UK.pdf" and follow the guidelines.

**Q: The output signal in the "Measuring" view is wrong.**

In the measuring view the monitored output signal is based on a calculated digital value.  
Hence, in case of a defective transmitter the diagnostics view can show an output even if the analogue signal output is 0 mA.

**Q: Why are the ProfiBusPA and HART interfaces not integrated in FP 9701 ?**

The maintenance of the protocols for ProfiBus and HART is made by user groups outside Baumer's influence.

**Q: If the FP 9701 is offline I am unable to change the displayed data.**

The FP 9701 is not intended as a hand terminal and the display is for control purposes only.

**Q: I am unable to upload more than one remote configuration into FP 9701 ?**

The FP 9701 is designed to hold one configuration at the time.

**Q: Is it possible to configure another vendors 4...20 mA product with the FP 9701?**

No, usually each vendor has an individual interface and protocol.  
FlexProgrammer 9701 is dedicated for Baumer products.

**Q: Is it possible to install another vendors HART or ProfiBus communication-DTM in FlexProgram?**

Yes, the procedure is like installation in e.g. "Pactware". Baumer does not support the installation.  
Still, a dedicated "USB to HART" or "USB to Profibus" interface-box is needed.

**Q: Is it possible to install another vendors HART or ProfiBus device-DTM in FlexProgram?**

No.

**Q: My FP 9701 is 4 years old and after configuration of 3 products is shows "Lo Bat"**

The re-chargeable battery needs to be replaced. Send the FlexProgrammer to the factory.

## 2. Glossary

BA	<b>Baumer</b>
DTM	Device Type Manager. An XML file describing all communication with the product. No limitations regarding functionality and user guidance. Can be used in all FDT systems.
ProfiBus	Bus system
HART	Bus system. Digital signal superimposed a conventional 4...20 mA signal.
FlexProgrammer	Dedicated Baumer configurator tool.
FlexProgram	Software for The FlexProgrammer.
IFAK	German company named: "Institut für Automation und Kommunikation." Specialist in generation of DTM's and dedicated software.
FDT	Field Device Tool. Protocol for handling of DTM's and communication with device interfaces.
FDT Container	Open platform software based at the FDT protocol handling DTM's for all types of field instruments from various vendors in various bus systems or hardware interfaces. Each different bus system or protocol will require a specific communication driver. E.g. "PactWare".
FP 9701	Abbreviation for FlexProgrammer 9701.
Interface	A dedicated link box transferring and converting the standard signals from the PC into the specific product or bus-oriented signals. E.g. FlexProgrammer 9701, HART-box, ProfiBusPA-box.
Open source	Vendor independant and platform independant software. Very often a user group of programmers add/correct the software according to defined rules.
Platform	Hardware and/or softwaresystem, such as PC, MAC, SUN, Windows, Linux, etc.