

## **Battery operated BRAKE FLUID TESTER with Bluetooth transmission**



**for automotive, MCR technology**

### **Technology field**

MCR technology, bus systems and radio, software development

### **Anforderungen an das Projekt**

The **project objective** was the development and production of a brake fluid tester with fully automatic test sequence for the automotive industry. With the help of the tester it can be decided whether the brake fluid continues to perform its function or whether it needs to be replaced. The boiling point method was chosen to measure the values. The power supply as well as the transmission of the measured data to be evaluated to a PC is wireless. With the additional LCD display on the brake fluid tester the temperature can be read directly. The connection of different sample needles is possible.

### **Facts/Highlights**

- Temperature display in °C or °F
- Status display via LEDs
- Evaluation software for PC
- Bluetooth and batteries for wireless operation
- RS232 debug interface
- Luer connection enables quick needle change
- Standby mode
- Handy and compact design

### **Services of KNESTEL**

Potential analysis, target price estimation, project management, specifications, project planning, development of software and hardware, electrical and mechanical design, EMC test, prototyping, series production

### **Possible Applications**

Quality measurements of liquids that change their boiling point by absorbing water.

**About KNESTEL:** Knestel has been developing and producing customized electronic and mechatronic special solutions in the fields of motor and machine control, frequency converters, image processing, MCR technology, software development, radio, bus systems and gas analysis for 40 years. We support our customers from the idea to the finished implementation. Individual solutions and concepts - technically up to date. Our production - electronics manufacturing, device and switch cabinet construction, Production of subassemblies, assembly and mechanical processing - is equipped with the latest technology.