

# DB1000 App



Customers from ZILA are now able to **configure and administer their safety pressure limiter DB1000/2** with the DB1000 App **very simple and extremely comfortable** with their **smartphone** and **tablet device**. In addition, the app is suitable as an interface for device support. The app supports **English and German** user interface.

As a highlight of the new DB1000 App the current pressure can be displayed, like a pressure gauge. This special feature will help to reduce the time for commissioning of the plant and simplifies the test of the device.

Generally, the new DB1000 App shows the power and possibilities using an electronic pressure limiter. ZILA gains flexibility by implementing customer specific requirements.

ZILA also simplified the technical support with the DB1000 App. The Android Application can be used to send the most important device information via e-mail directly to the ZILA support if malfunctions appear and if the corresponding safety pressure limiter is connected.



## The following requirements are necessary to use the DB1000 app:

- USB host-capable smartphone or tablet from Android OS version 4.0.3
- OTG USB cable and USB 2.0 to USB
- Safety pressure limiter DB1000/2 from Firmware Version 2.11



## Functions of DB1000 App for ZILA safety pressure limiter DB1000/2

One of the features of the app includes the reading of the most important device information such as serial number and firmware version, as well as the following configuration options: adjustment of the switching threshold and switching delay, a functional test for the pressure limiters and the reading and resetting of the pressure maxima. As a special feature across from the desktop PC Software, users are able to display the current measured pressure of the device. The app also features the possibility to contact the technical support and supporting documentation.



**Pressure maxima:** Allows the user to read the maximum pressure measured by the pressure limiter and the safety pressure limiter with date and time. Reset pressure maxima are possible in case of new detection cycle.

**Function Test:** The App Function "functional test" tests the functionality of both the electronic pressure limiter and safety pressure limiter by triggering the switching function. The function test can be repeated after a reset.

**Switching threshold:** Read and set the values for the switching thresholds of the pressure limiters within this function. The set values are displayed in bar and percentage.

**Switching delay:** Read and change the adjustable delay in seconds for the safety pressure limiter triggers.

**Display Current Pressure:** Shows the current measured pressure from the device.

Download the App from Google Play Store:

<https://play.google.com/store/apps/details?id=db1000.zila.de>



## Safety pressure limiter

Electronic safety pressure limiters are devices for the process technology, which switch off machines and systems, if the measured pressure is below or above a set pressure limit. Only authorized persons can reset the safety device manually. The safety pressure limiter DB1000/2 is the combination of a pressure limiter and a safety pressure limiter in a common aluminum housing (IP 65).

