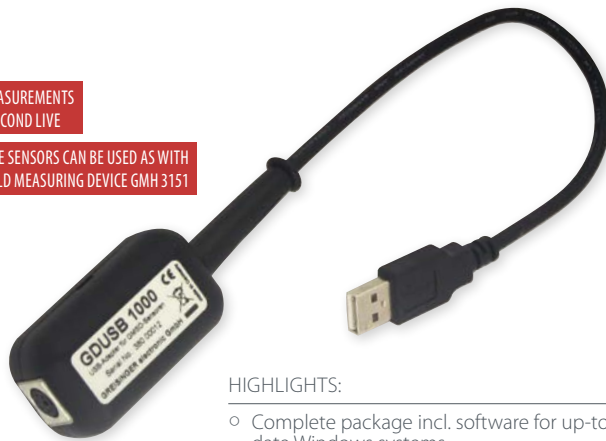


UNIVERSAL PRESSURE MEASUREMENT SYSTEM



1000 MEASUREMENTS
PER SECOND LIVE

THE SAME SENSORS CAN BE USED AS WITH
HANDHELD MEASURING DEVICE GMH 3151



SUITABLE PRESSURE PROBES
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HIGHLIGHTS:

- Complete package incl. software for up-to-date Windows systems
- Live display before and live diagram display

GDUSB 1000

Art. no. 600271

Complete package for high-speed live data acquisition for GMSD/MSD sensors incl. software for high-speed live measurement data logging GDUSB FastView

General:

The GDUSB 1000 adapter allows to connect a standard pressure sensor of type GMSD / MSD directly to the USB interface of a PC. It provides 4 channels, i.e. currently measured value, average value, max and min value. There are two operation modes:

Fast mode:

Up to 1000 measured values per second. The provided software displays the data and records for later usage. The software can be configured to start or stop the recording with several selectable trigger conditions

Standard mode:

Up to 32 measurements per second. A GDUSB 1000 in standard mode can be responded similarly to GMH handheld devices or EASYBus modules. Then a long term recording can be archived with the software EBS 20M / EBS 60M (2 measurements per second).

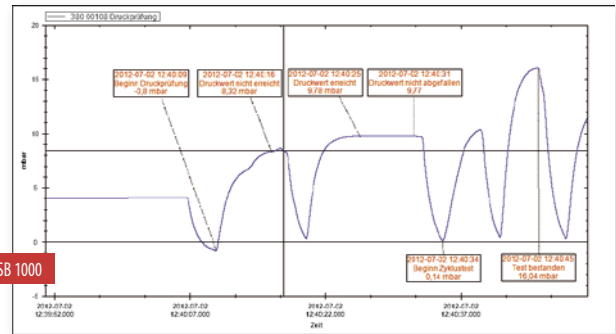
Application:

- Test rigs and laboratory experiments
- Detection of pressure peaks
- Monitoring system pressure curves e.g. for process technology, engineering, etc.
- Live displaying of measuring data of several GDUSB 1000
- Data evaluation and logging, for optimization of processes and other statistics
- Multi-channel measurements with high recording rate
- Test setups or on-site recordings with GDUSB 1000

Specifications:

Measuring range:	depends on connected sensor
Max. range:	-19999 ... +19999 digit
Pressure units:	mbar, bar, Pa, kPa, MPa, mmHg, PSI, mH ₂ O, selectable, depending on connected sensor
Measuring rate:	1000 measurements / s (= 1 ms)
Accuracy:	±0.2 % FS (at nominal temperature = 25 °C)
Recording interval:	1 ms (FAST mode) ... 10 s, adjustable via software
Connections	
PC:	standard USB plug (type A)
GMSD / MSD:	6-pole screened mini-DIN socket with locking
Power supply:	supplied by USB interface
Dimensions:	56 x 31 x 24 mm
Cable length (USB):	approx. 20 cm
Weight:	39 g (device only)
Scope of supply:	Device, manual, software- and driver-CD

HIGH-SPEED LIVE MEASUREMENT



FOR GDUSB 1000

GDUSB FastView

Software for high-speed live measurement data logging of fast pressure measurements

Functions:

- Several GDUSB 1000 usable at one PC at the same time
- Measuring rates up to 1000 measurements per second
- Live display with current value and measurement diagram, even for highest measuring rates
- Different measuring rates for each sensor selectable
- Safe storage of measurement and sensor data in a SQL based data base
- Fast diagram display
- Comment function for measured values
- Data export as CSV file and as picture
- Multi-language software (German, English, French, Italian, Czech)
- 32-bit or 64-bit application

System requirements:

1GHz CPU, 1GB RAM, 100 MB HDD, 1 available USB Port
Microsoft Windows 7 SP1 (32 or 64 bit)
(not executable with Windows RT, ARM or Intel Itanium based Windows systems)

*This software uses open-source components under LGPL conditions.
The license terms of this software provide further information.*