



Specifications

Pressure Ranges (PR)	0...50 mbar (0...0,5 mWC)	0...100 mbar (0...1 mWC)	0...300 mbar (0...3 mWC)
Overpressure	10 x Pressure Range	10 x Pressure Range	5 x Pressure Range
Supply	Lithium battery / 3,6V (Type AA)		
Battery Life *	~10 years @ 1 measurement/hour		
Interface	RS 485 digital		
Electrical Connection	Fischer Plug DEE 103A054		
Vented Cable	Standard lengths: 5 m / 10 m (others on request)		
Comp. Temperature Range	-10...40 °C (icing not permitted)		
Total Error Band **	0,2 %FS		
Resolution	max. 0,002 %FS		
Stability	FS ≥ 100 mbar: ± 0,1 %FS	FS ≤ 100 mbar: ± 0,1 mbar	
Temperature Measurement	Accuracy typ. ±0,5 °C		
Memory	57'000 measuring values @ storage interval ≤ 15 s, otherwise 28'000 meas. values (always with attributed time)		
Shortest Measuring Interval	1 per second		
Material	Diaphragm: Gold-plated Ceramic / Housing: Stainless Steel AISI 316L / O-Ring: Viton		

PR: Vented Gauge. Zero at atmospheric pressure

* external influences could reduce battery capacity ** Linearity + Temperature Error within the compensated range

LOGGER 4.x

The Windows-compatible Logger 4.x-software, if needed, is delivered along with the interface cable or may be downloaded from our web site. It allows to configure and read out KELLER data loggers.

The measuring values may be graphically displayed, exported or converted into other units. The Online-function shows the actual values of the instrument.

The Logger includes the Reader and Writer.

WRITER

The Writer enables the start and configuration of the device.

General functions:

- Online-display of measuring channels
- Status-indication
- Editing of installation data
- Ring buffer record storage or normal
- Readjustment of the zero

Recording parameter:

- Pressure- and temperature channels selectable

Start methods:

- Time start
- When exceeding or dropping below a certain pressure
- Measuring interval for starting conditions selectable

Recording methods:

- Interval (1s...99 days) and event-controlled recording; also combinable
- Recording at pressure change
- Averaging over selectable number of measurements

READER

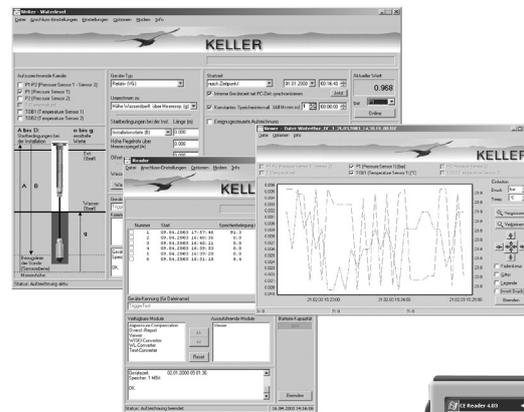
The Reader allows the data to be read out into a file and to be saved onto a PDA or PC.

The data file, which can be imported by programs such as Excel, contains the following data recorder information: Serial number, measuring range, sensor name, installation data, read-out data, units, measuring values with date and clock time.

General functions:

Status-indication / Reading of the recordings' directory with starting time and storage size in % / Read-out of the individual recordings / Graphical display of the data / Conversion of the data into a text file for Excel import / Miscellaneous calculations possible

Special calculations or an export of the data into customer specific databases are possible (only on request).



Logger 4.x also includes the Windows Mobile for PDA's.

