

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

PR: Vented Gauge. Zero at atmospheric pressure

Supply	Lithium battery / 3,6V (Type AA)		
Battery Life *	~10 years @ 1 measurement/hour		
Interface	RS485 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		
Operating Temperature	-20...60 °C (icing not permitted)		
Memory	114'000 measuring values @ storage interval ≤ 15 s, otherwise 56'000 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		

* external influences could reduce battery capacity

** Linearity + Temperature Error within the compensated range

KOLIBRI Desktop

With the «KOLIBRI Desktop» Windows software, data recorded using KELLER instruments with a recording function can be read and visualised. This data can be exported in CSV, JSON, Excel or Word format, as an image, or in other formats for further processing or documentation. The data loggers are easy to configure, thanks to the intuitive software interface. And, the various recording functions provide an optimum level of adaptability to suit the measuring task at hand. Additionally, installation site information and other parameters necessary for water level calculations can be saved directly in the measuring device.



KOLIBRI Desktop is license-free and compatible with all products of the KOLIBRI Suite.

Configuration options

- Pressure and temperature channels, selectable
- Adjustable measurement interval (1s ... 99 Tage)
- Averaging with selectable number of measurements
- Recording modes
 - continuous interval measurement
 - event-controlled recording
 - recording starts when value is exceeded
 - recording starts when value is undercut
 - recording starts when value changes
 - combination of continuous and event-controlled recording is possible
- Adjustment of pressure zero point
- Start measurements immediately or at a set time
- Water level calculation
- Data storage: linear or ring-type memory