Simply a question of
better measurement

SCHMIDT® Technology

SCHMIDT® Data Logger DL 10.010

Long-term recording of measuring data

- Long-term recording of flow velocity (w_N) or mass flow ($\dot{v}_N$) and medium temperature (T_M)
- For all compatible SCHMIDT® flow sensors with module interface
- Power supply via the connected sensor
- Storage of measurement data with time / date stamp (real-time clock)
- Storage capacity for approx. 2 million data sets
- Plug-and-play

Perfect use for short-term and medium-term recording of SCHMIDT® sensor measuring data.

Long-term monitoring of important process parameters

Are process flow and temperature always within the specified/expected limits? How do changes in the process affect flow and temperature? With the **SCHMIDT® Data Logger DL 10.010** for flow velocity, mass flow and temperature you can easily find out.

You simply need to connect the **SCHMIDT® Data Logger DL 10.010** to a compatible **SCHMIDT® Sensor** with a module interface, and the measured value recording is started. The required recording file is created automatically. To end the recording and close the recording file, simply disconnect the data logger.

The **SCHMIDT® Data Logger DL 10.010** reliably records the flow and temperature values transmitted by the sensor and can store up to 2 million data sets. Once the memory capacity is exhausted, recording is stopped, thus ensuring that no data is overwritten.

The **SCHMIDT® Data Logger DL 10.010** is powered via the module interface of the connected sensor, so that you do not have to worry about changing the battery. The data logger's integral real-time clock saves all data records with a time/date stamp.

Programming is child's play – programming cable and software included

The **SCHMIDT® Data Logger DL 10.010** can be easily programmed using the supplied programming cable, the included **SCHMIDT® Data Logger Software** and a standard Windows PC. In addition to synchronising the real-time clock, the measuring interval of the data logger can also be set (between 1 second and 5 minutes). The programming cable is also used to read out and download the data and to charge the data logger.

The recording files are stored in CSV file format and can be further processed using standard spreadsheet programmes.

Thanks to its IP 65 protection class, the DL 10.010 data logger can be used in dirty, dusty environments without any problems.

The **SCHMIDT® Data Logger DL 10.010** is supplied with a data logger dongle, a PC programming cable (USB) and an USB stick with the **SCHMIDT® Data Logger Software** and operating instructions in German and English.

Technical Data	
PC requirements	
Operating system	Windows 7 and higher
User interface	SCHMIDT® Data Logger Software
Programming cable	
Electrical connection (to PC)	USB, type A (2.0)
Operating temperature	0 … +60 °C
Storage temperature	-25 … +80 °C
Humidity	< 95 % rH
Protection class	III (PELV)
Length of cable	1.5 m
Data Logger	
Model	SCHMIDT® Data Logger DL 10.010
Storage capacity	Ca. 2 million data sets
Memory overflow	Measurement recording is stopped
Deviation real-time clock	Max. ±0.5 s/d (@ 25 °C)
Operating temperature	-20 … +60 °C
Storage temperature	-25 … +60 °C
Humidity	< 95 % rH
Protection type	IP65 (when firmly connected to the sensor or cable)
Protection class	III (SELV or PELV)
Dimensions (L x Ø)	58 mm x 18 mm

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Want to learn more about **SCHMIDT® smart solutions**? Further information are available on our website **www.schmidttechnology.com** or at Mr Oliver Joos, phone +49 7724 / 899-198 or by e-mail at **o.joos@schmidttechnology.de**