Simply a question of **better measurement**



SCHMIDT[®] Bluetooth[®] Module BT 10.010

Sensor values wireless, any time and everywhere

😵 Bluetooth°

- Radio module featuring *Bluetooth*[®] wireless technology for remote transmission of
 - standard volume flow V_N
 - medium temperature T_M
- Display and real-time recording of measuring values via free-of-charge SCHMIDT[®]
 Sensor App on a mobile Android device

 wireless, any time and everywhere ¹
- Processing of recorded data
- Plug-and-Play

SCHMIDT[®] smart solutions featuring *Bluetooth*[®] wireless technology



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Perfect for use when current measuring values of standard volume flow and medium temperature from different sensors shall be indicated on site temporarily one after another.

¹⁾ Depending on radio range, typically 10 m on sight. The SCHMIDT[®] Bluetooth[®] Module BT 10.010 can be placed up to 30 m away from the sensor with a cable to increase the radio range.

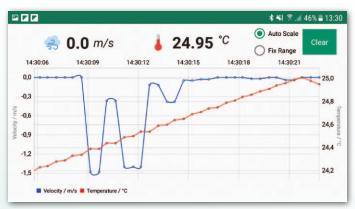
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In many installations, displays built into the flow sensor either cannot be seen or due to the mounting position of the sensor simply cannot be read. Nevertheless, there is a need from time to time to display the measured values of the sensors on site.

Now this can be realised with the SCHMIDT[®] Bluetooth[®] Module BT 10.010 in a very easy and simple way: Any SCHMIDT[®] Mass Flow Sensor can be equipped with a Bluetooth[®] radio module, being linked to the module connector of the sensor. The plant operator can now select one sensor after another with the SCHMIDT[®] Sensor App installed on his mobile Android device and display real-time measurements graphically on a smartphone or tablet and even record the values (datalogger function). The recorded data can be saved as a CSV file and processed afterwards.



Indication of actual measuring values as graphs with auto scaling or fix range to show a history of values.

somer Se	nsor values	考 ₩E 宮 40	5% 🖬 13:29
Device Na	me: S0005		
Sensor: SS	20.420 Mat	erial No.: 51	8210
Velocity range: -5.0 to 5.0 m/s			
Temperatur	re range: -10.0	to 50.0 °C	-
Min		Max	
-0.13	m/s	0.0	m/s
ျာ	0.0) m/s	
i.	24.	7 ℃	Record Button
* Se	II. nsor values	= 4	0

Actual sensor values like

- Sensor name / serial numberSensor model / type
- Sensor article number
- Sensor measuring ranges
- Min / max values
- Actual values

displayed at the SCHMIDT[®] Sensor App

Real-time recording by pressing the red record button

Want to learn more about SCHMIDT[®] smart solutions? Further information are available on our website www.schmidt-sensors.com or at Mr Oliver Joos, phone +49 77 24 / 899-198 or by e-mail at o.joos@schmidttechnology.de

Technical Data		
Additional necessary device	Mobile device, e.g. smartphone or tablet System requirements: - Android® version 7.0 or higher - <i>Bluetooth®</i> version LE (4.0) or higher To use the full functionality of the SCHMIDT® Sensor App for Android, an active internet connection is required.	
Radio range	According to usual <i>Bluetooth®</i> stand- ard, e.g. 10 m on sight; radio range extension max. +30 m with cable	
Display and recording	Standard volume flow V_N and medium temperature T_M via free-of-charge SCHMIDT® Sensor App	
Power supply	Via module connector of SCHMIDT® sensor	
Connection cable	Only when need to place it away from the sensor; L < 30 m; wire \ge 0.25 mm ² ; non-shielded	
Dimensions	L = 61 mm; Ø 14 mm	
Weight	10.3 g	

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05/12/2018 10:42:57 \$0005 \$\$20.420	🖹 菌 🔛
05/12/2018 10:44:13 s0007 ss20.420	🖹 菌 🔛
05/12/2018 12:55:03 \$80007 \$\$20.420	1
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Recorded data can be stored, shared by e-mail and processed later with other additional software.

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