## Simply a question of **better measurement**



## SCHMIDT<sup>®</sup> Bluetooth<sup>®</sup> Module BT 10.010

Sensor values wireless, any time and everywhere

## 😵 Bluetooth°

- Radio module featuring *Bluetooth*<sup>®</sup> 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<sup>®</sup>
   Sensor App on a mobile Android device

   wireless, any time and everywhere <sup>1</sup>
- Processing of recorded data
- Plug-and-Play

SCHMIDT<sup>®</sup> smart solutions featuring *Bluetooth*<sup>®</sup> 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.

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

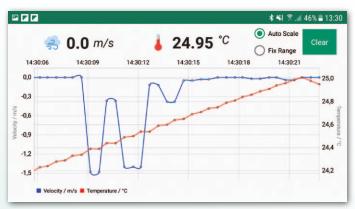
1





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<sup>®</sup> Bluetooth<sup>®</sup> Module BT 10.010 in a very easy and simple way: Any SCHMIDT<sup>®</sup> Mass Flow Sensor can be equipped with a Bluetooth<sup>®</sup> radio module, being linked to the module connector of the sensor. The plant operator can now select one sensor after another with the SCHMIDT<sup>®</sup> 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.

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Device Na	me: <b>S0005</b>		
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	<b>)</b> 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<sup>®</sup> Sensor App

Real-time recording by pressing the red record button

Want to learn more about SCHMIDT<sup>®</sup> 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 <sup>2</sup> ; non-shielded	
Dimensions	L = 61 mm; Ø 14 mm	
Weight	10.3 g	

Data sets	≉ ¥∮ 🕱 .⊿ 47% 🛢 13:28
03/12/2018 09:21:04 \$0007 \$\$20.420	🖹 🖬 🖂
03/12/2018 09:21:12 s0007 SS20.420	🖹 🖬 🖂
03/12/2018 11:03:53 \$0005 \$\$20.420	1
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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