

Option

Operating Manual

Bluetooth



78,0 °F | 6,16% | 456kg/m³ | -27,3td | 0,64aw | 51,9%r.H. | 14,8%abs | 100,4g/m² | 09m/s | 4,90Ug/l | 1

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1. First steps

1.1 Taking the device out of its packaging

- Take the device out of its packaging.
- Next, make sure that it is not damaged and that no parts are missing.

1.2 Making sure that all of the components have been included

Make sure that all of the components have been included by checking the package contents against the following list:

1.2.1 Scope of supply internal Bluetooth module

- Operating manual
- Optional Bluetooth 5.1 radio stick (Bluetooth adapter) when using the LogMemorizer

2. Setting up the Bluetooth adapter at the PC

- Plug the Bluetooth adapter into a free USB port on your computer (figure 1)

Startup under Windows 10/1

To do so: An existing Internet connection.

- Under Windows 10/1 the driver is installed automatically.



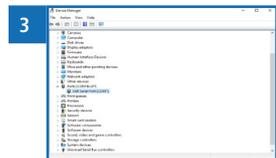
Manual installation of the FTDI driver

1. Run the installation program of the device software for the Bluetooth adapter.
2. Now follow the instructions of the installation wizard (figure 2).
3. Exit the installation wizard after successful installation by clicking Finish.



After successful installation

- The Würth Bluetooth Stick now appears in the Windows device manager as "USB Serial Port (COMxx)" (figure 3).



3. Starting up the Bluetooth module

3.1 Internal Bluetooth module

- The Bluetooth module is installed in the measuring instrument. The settings can be called up via the Bluetooth menu item.

3.2 Overview Bluetooth menu

The **Bluetooth** menu comprises the following menu items:

- **Search**
 - **Connect**
 - **Close**
 - **Info**
- » The menu items are only displayed if the device finds the Bluetooth module!

4. Connection setup

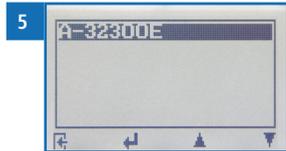
4.1 Start/connect from device

To do so: You are in the Bluetooth menu item on the device.

1. Now search for all available Bluetooth devices within range of your device.
 - » Select **Search** (figure 4). To do so, press  or  and confirm by pressing .
 - » After some time all available Bluetooth devices will be displayed (figure 5).
2. Press  to leave the **Search** menu.
3. Select **Connect** (figure 7). To do so, press  or  and confirm by pressing .

 - » All available Bluetooth devices detected in step 1 will be displayed again.
 - » Select the device you want to connect to (figure 5). To do so, press  or  and confirm by pressing .

4. As a sign for an existing Bluetooth connection, a Bluetooth symbol is displayed in the measuring window of your device (figure 7).

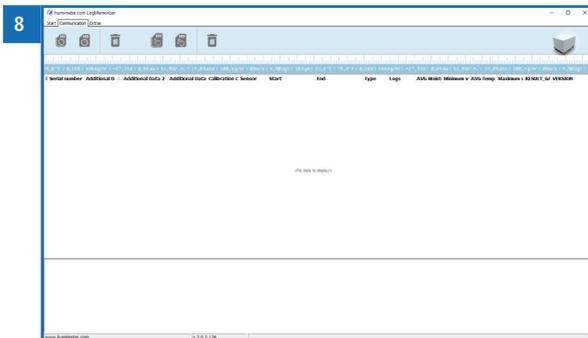


5. Using the LogMemorizer program

To do so: USB-Stick and LogMemorizer software. A Bluetooth module is built into the device.

5.1 Installing/opening the program

1. Insert the USB stick with LogMemorizer software into the USB port on your computer.
2. Open the **setup** application.
3. Follow the installation instructions.
4. Open LogMemorizer.
 - » The screen will now display the LogMemorizer's interface (figure 8).
 - » Before using the LogMemorizer program, configure the correct COM port and baud rate (115200 baud) according to the user manual.



For more information on LogMemorizer, please refer to the separate LogMemorizer operating manual supplied with the device.

5.2 Exporting measuring values to a computer

To do so: LogMemorizer must be installed. And you must have taken and saved one or several moisture readings.

6. Disconnecting

To do so: A connection has been established with the device.

6.1 Disconnecting at the device

To do so: You are in the **Bluetooth** menu of your device.

- Select **Close** (figure 9). To do so, press  or  and confirm by pressing .
- » After the successful disconnection, after a short time the measuring window of the device will appear and the Bluetooth symbol disappears (figure 10).



7. Faults

If the measures listed below fail to remedy any faults or if the device has faults not listed here, please contact Schaller GmbH.

Fault	Cause	Remedy
Bluetooth adapter is not detected	Bluetooth adapter is not recognized after the first restart	In this case, restart your computer for a second time.
	No Bluetooth devices within range	Make sure that the devices you want to connect are within the Bluetooth range.
	Required Bluetooth device is not displayed	Make sure Bluetooth is enabled and the device is visible to other Bluetooth devices.
	The device cannot find any other Bluetooth devices	Repeat the search until the required Bluetooth device is displayed.
Data transfer to Log-Memorizer failed	Interface has not been configured	The interface only has to be configured once. To do so, press the F1 key on your computer and read the Help file for your LogMemorizer program.

8. Device information

8.1 EC declaration of conformity

CE KONFORMITÄTSERKLÄRUNG DECLARATION OF CONFORMITY

Name/ Adresse des Herstellers:	Schaller Messtechnik GmbH
Name/ address of manufacturer:	Max-Schaller-Straße 99 A – 8181 St. Ruprecht
Produktbezeichnung:	humimeter
Product designation:	
Typenbezeichnung:	Bluetooth
Type designation:	
Produktbeschreibung:	Zubehör für die kabellose Übertragung von Daten
Product description:	Accessories for wireless data transmission

Das bezeichnete Produkt erfüllt die Bestimmungen der Richtlinien:
The designated product is in conformity with the European directives:

EMV - Richtlinie 2014/30/EC	EMC Directive 2014/30/EU
RoHS - Richtlinie 2011/65/EG	RoHS-Directive 2011/65/EU
Funkanlagen – Richtlinie 2014/53/EU	Radio Equipment Directive 2014/53/EU

Die Übereinstimmung des bezeichneten Produktes mit den Bestimmungen der Richtlinien wird durch die vollständige Einhaltung folgender Normen nachgewiesen:

Full compliance with the standards listed below proves the conformity of the designated product with the provisions of the above-mentioned EC Directives:

EN 61326-1:2013	Elektrische Mess-, Steuer-, Regel- und Laborgeräte - EMV-Anforderungen <i>Electrical equipment for measurement, control, and laboratory use – EMC requirements</i>
EN IEC 63000:2019-05	Technische Dokumentation zur Beurteilung von Elektro- und Elektronikgeräten hinsichtlich der Beschränkung gefährlicher Stoffe. <i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.</i>

EN 300 328 v2.2.2 (2019-07)	Breitband-Übertragungssysteme - Datenübertragungsgeräte zum Betrieb im 2,4-GHz-Band - Harmonisierte Norm zur Nutzung von Funkfrequenzen <i>Wideband transmission systems - Data transmission equipment operating in the 2,4 GHz band - Harmonised Standard for access to radio spectrum</i>
EN 62368-1:2020-03	Einrichtungen für Audio/Video-, Informations- und Kommunikationstechnik - Teil 1: Sicherheitsanforderungen <i>Audio/video, information and communication technology equipment - Part 1: Safety requirements</i>
EN 62479:2011-09	Beurteilung der Übereinstimmung von elektronischen und elektrischen Geräten kleiner Leistung mit den Basisgrenzwerten für die Sicherheit von Personen in elektromagnetischen Feldern (10 MHz bis 300 GHz) <i>Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)</i>
EN 301 489-1 v2.2.3 (2019-11)	Elektromagnetische Verträglichkeit für Funkeinrichtungen und -dienste - Teil 1 <i>ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 1</i>
EN 301 489-17 v3.2.4 (2020-09)	Elektromagnetische Verträglichkeit (EMV) für Funkeinrichtungen und -dienste - Teil 17: Spezifische Bedingungen für Breitbanddatenübertragungssysteme - Harmonisierte Norm für die elektromagnetische Verträglichkeit <i>ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility</i>

Für das angeführte Produkt ist eine vollständige Dokumentation mit Betriebsanleitung in Originalfassung vorhanden.

For the above mentioned product a complete documentation with manual of instruction in original version is available.

Bei Änderungen, die nicht vom Hersteller spezifiziert sind, verliert diese Konformitätserklärung die Gültigkeit.

In case of any changes not agreed upon with the manufacturer, this declaration of conformity loses its validity.

St. Ruprecht a.d. Raab, 31.07.2022



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Bernhard Maunz
Rechtsverbindliche Unterschrift des Ausstellers
Legal binding signature of the iss



DECLARATION OF CONFORMITY

Name/ address of manufacturer: **Schaller Messtechnik GmbH**
Max-Schaller-Straße 99
A – 8181 St. Ruprecht

Product designation: **himimeter**

Type designation: **Bluetooth**

Product description **Accessories for wireless data transmission**

The designated product is in conformity with the following directives:

- **Electromagnetic Compatibility Regulations 2016 Great Britain**
- **RoHS-Directive 2011/65/EU Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment**
- **Radio Equipment Regulations 2017 Great Britain**

Full compliance with the standards listed below proves the conformity of the designated product with the provisions of the above-mentioned Directives:

EN 61326–1:2013	Electrical equipment for measurement, control, and laboratory use – EMC requirements
EN IEC 63000:2019-05	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

EN 300 328 v2.2.2 (2019-07)	Wideband transmission systems - Data transmission equipment operating in the 2,4 GHz band - Harmonised Standard for access to radio spectrum
EN 62368-1:2020-03	Audio/video, information and communication technology equipment - Part 1: Safety requirements
EN 62479:2011-09	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
EN 301 489-1 v2.2.3 (2019-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 1
EN 301 489-17 v3.2.4 (2020-09)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broad-band Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility

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Climate
Environment



Materials



Food



Buildings



Bioenergy



Paper / Board

Schaller Messtechnik develops, produces and sells professional moisture meters and turnkey solutions.

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