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## **SERIES 3566**

Portable Bluetooth electronic meter

INSTALLATION AND OPERATING INSTRUCTIONS

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## Portable Bluetooth electronic meter

### INSTALLATION AND OPERATING INSTRUCTIONS

#### DESCRIPTION

The RBM series 3566 Bluetooth® portable electronic meter is a differential pressure and flow meter with integrated Bluetooth® communication, designed for HVAC applications. In combination with the free EuroSoft app, the RBM series 3566 is able to provide differential pressure  $\Delta P$  and/or flow rate readings based on the valve and settings selected on the

app. The RBM series 3566 consists of a base module without display and a plug-in sensor module. The plug-in sensor (PT85) supplied is a differential pressure transmitter with a measuring range of 0 - 700 kPa.

#### STEP 1 . ASSEMBLING THE PLUG-IN SENSOR MODULE AND FLEXIBLE TUBES

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1. Remove the top cover from the base module by pressing the release button on the back of the module.
2. Insert the plug-in sensor module (PT85) into the base module with the knob facing forward, pushing it until it clicks into place. If you need to remove the plug-in sensor module, press the release button on the back of the base module and then remove it.
3. Connect the flexible tubes to the plug-in sensor module. The blue hose connects to the blue fitting and the red hose connects to the red fitting.
4. Connect the measuring needles to the quick-connect sockets on the flexible tubes
5. **Turn the knob clockwise until it stops (Closed position)** Turn the knob clockwise until it stops (closed position)

#### STEP 2. BLUETOOTH® CONNECTION

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1. Turn on the RBM series 3566 by pressing the ON/OFF button located on the front of the base module for about 3 seconds until the LED lights up. Initially, the LED will emit a steady green light, then flash yellow, and finally flash blue. This indicates that the RBM 3566 series is ready for Bluetooth® connectivity. It will remain in this mode for 60 seconds. If it is not connected to a smartphone during this time, it will automatically turn off.

2. Start the Eurosoft APP and select the "HYDRAULIC BALANCING" application. The LED will flash slowly in green.

3. Follow the step-by-step instructions in the application and proceed with the desired measurements

**NOTE:** For any valve that is activated, the measurement can only be taken with the valve fully open according to the set balance level, allowing maximum flow based on the setting.



**It is IMPORTANT to connect the 3566 series RBM to the app BEFORE mounting the measuring needles in the valve pressure ports.**

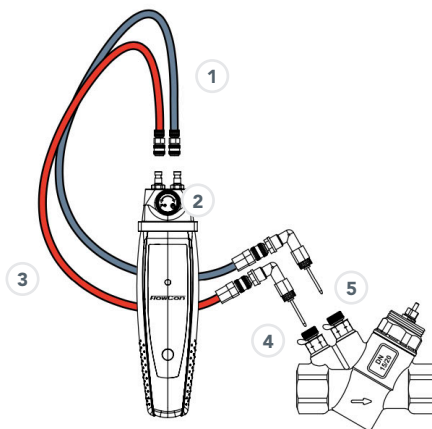
**Download the "EuroSoft Live" app from all major app stores.**



## STEP 3 . CONNECTION AND DISCONNECTION TO THE VALVE

Connect the flexible tubes of the RBM series 3566 via the measuring needles to the pressure ports of the valve. Connect the red hose to the inlet pressure ports and the blue hose to the outlet pressure ports of the valves

- 1 Blue hose
- 2 Knob
- 3 Red flexible tube
- 4 Valve pressure port (inlet)
- 5 Valve pressure port (Outlet)



## BATTERY REPLACEMENT

The RBM 3566 series comes with 2 AAA 5 V batteries. Once the batteries have run out (up to 32 hours of operation), simply open the battery cover on the back of the box module and replace the batteries.

## CLEANING, MAINTENANCE, AND DISPOSAL

The measuring instrument does not contain any parts that can be serviced or repaired by the customer.

Before taking a measurement, perform a visual inspection for any visible damage to the probe.

- Clean the instrument after each use. Use a dry, antistatic cloth for cleaning.
- Use a slightly damp cloth to remove dust or residues that cannot be removed with a dry cloth.
- Do not use detergents.

Alternatively, you can use 2 rechargeable 900 mAh AAA NiMH batteries. 900 mAh rechargeable AAA NiMH batteries.

The measuring instrument must be serviced by the manufacturer or another authorized service center at regular intervals. The intervals depend, among other things, on legal requirements and standards.

Dispose of the product in accordance with all applicable directives, standards, and regulations.

Electronic components and batteries must not be disposed of with normal household waste.





#### STORAGE WARNINGS

Store the product in its packaging/container in a clean place, protected from frost, moisture, exposure to sunlight, heat sources, open flames, or sources of ignition. Avoid sudden changes in temperature by maintaining optimal temperature and humidity conditions (temperature 10-35 °C / humidity <80%). Ensure that there is no risk of damage caused by the presence of other materials or by possible handling by unauthorized persons.

RBM spa reserves the right to improve and modify the products described and the related technical data at any time and without prior notice. The information and images contained in this document are for informational purposes only, are not binding, and do not in any way exempt the user from strict compliance with applicable regulations and good practice standards.

**RBM Spa**  
Via S.Giuseppe, 1 • 25075 Nave (Brescia) Italy  
Tel 030 2537211 • Fax: info@rbm.eu • www.rbm.eu

@rbmspa RBM S.p.A. rbm\_spa\_ Rbm Italia

