

FAQ

Metering – UH50... / UC50... –

How to address UH50 / UC50 modules? (M-Bus, BACnet, Modbus)

Associated Product(s): UH50..., UC50..., WZU-MBG4, WZU-MB, WZU-485D, WZU-485D-MOD

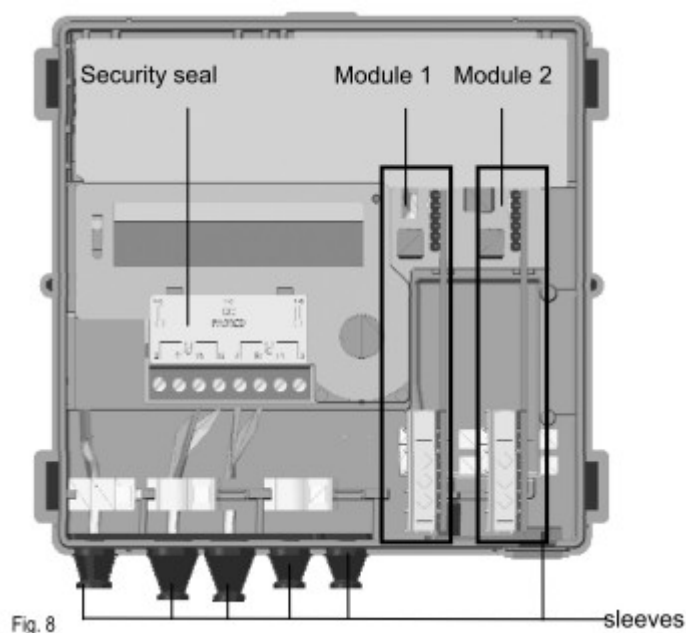
Question

How to address UH50 / UC50 modules? (M-Bus, BACnet, Modbus)

Answer

By calling the parameter setting function you are able to set the addresses AP1 & AP2 for your communication modules.

AP1 is the address of the module in module slot 1 (left slot), and AP2 is the address of the module in module slot 2 (right slot) – refer to image below. This addressing is relevant for the M-Bus (WZU-MB, WZU-MBG4), BACnet (WZU-485D), & Modbus (WZU-485D-MOD) modules.



Calling the parameter setting function

Press the service button for about 3 sec.



Service button

The LCD shows the display *PRUEF----*

Button 1 advances the display.

<i>PRUEF----</i>	Call test mode
<i>PARA-----</i>	Call parameter setting mode
<i>Nb-----</i>	Return to normal mode (manually)

Press button 1 repeatedly until "PARA" is shown.

Then press button 2.

The following parameter settings are possible:

<i>Ma</i>	<i>+</i>	Reset the maxima
<i>Fd</i>	<i>+</i>	Reset the error time and the flowrate measuring time
<i>SD 0 10</i>	<i>--</i>	Enter the yearly set day (DD, MM)
<i>SD 0</i>	<i>-- --</i>	Enter the monthly set day (DD) *
<i>D</i>	<i>100506</i>	Enter the date (DD, MM, YY) *
<i>T</i>	<i>105959</i>	Enter the time (hh, mm, ss) *
<i>K</i>	<i>12345678</i>	Enter the property number, 8 digit (also M-Bus secondary address)
<i>AP1</i>	<i>0</i>	Enter the M-Bus primary address for module 1 (0...255) *
<i>AP2</i>	<i>0</i>	Enter the M-Bus primary address for module 2 (0...255) *
<i>Modul 1-1</i>	<i>CE</i>	Select the first module function for module 1 (CE or C2)
<i>Modul 1-1</i>	<i>C2</i>	
<i>Modul 1-2</i>	<i>CV</i>	Select the second module function for module 1 (CV or CT or RI)
<i>Modul 1-2</i>	<i>CT</i>	
<i>Modul 1-2</i>	<i>RI</i>	
<i>Modul 2-1</i>	<i>CE</i>	Select the first module function for module 2 (CE or C2)
<i>Modul 2-1</i>	<i>C2</i>	
<i>Modul 2-2</i>	<i>CV</i>	Select the second module function for module 2 (CV or CT or RI)
<i>Modul 2-2</i>	<i>CT</i>	
<i>Modul 2-2</i>	<i>RI</i>	
<i>MP</i>	<i>60 min</i>	Select the maxima measuring period: 7.5 – 15-30-60 min / 3-6-15-24 h
<i>PI</i>	<i>000 1000 LA</i>	Pulse value
<i>POS</i>	<i>cold</i>	Mounting place of the flow sensor (here: cold side)
<i>Nb</i>	<i>-----</i>	Return to normal mode

*) It is up to the user to ensure that only meaningful values are entered. No plausibility check is made and "incorrect" values can be applied (month > 12 etc.)

Parameter setting can be exit by pressing the service button again ("escape function"). In this case, the last valid value is displayed unchanged.

Performing parameter setting

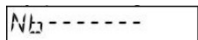
Button 2 is used to change the blinking digit step by step or reset error or the maxima. Button 1 applies the value set in the blinking digit. The next digit to the right of this then blinks, can be set again with the button 2 and can be applied with button 1. As the final acknowledgment of a display line, a star symbol is briefly displayed.

If incorrect entries are made, parameter setting can be performed again.

Completing parameter setting

The parameter setting mode is exited:

- By pressing button 2, when the display shows



N1-----

- Automatically after 15 hours