

SwemaFlow 126 Twin

Supplement manual for SwemaTwin measurement

A SwemaTwin measurement with a SwemaFlow 126 Twin is made with switched on Flow Factor and the instrument paired via bluetooth with a "remote" device, also called a reference device. When SwemaFlow 126 Twin shows the percentage relative to the reference, you can easily perform adjustment according to the proportionality method.

To do a SwemaTwin measurement:

- 1) Turn on the instrument with red button, wait until the start up is completed and then press gray button until the display shows F followed by a factor, eg "F 1.00".
- 2) Confirm displayed flow rate with short press on black button. To change the factor make a long press on black button.
- 3) When the factor has been confirmed, "Twin" appears on the display and "On" or "OFF" flashes. Switch with gray or blue button to "On" and confirm with short press on black button.
- 4) With blue or gray button, you can now switch between "PAIr", "LAST" or "APP" ("APP" is not used for present).
To connect to a twin modem already paired with your SwemaFlow 126 Twin, switch with gray or blue button to "LAST" and confirm with short press of black button.
When pairing the first time, for example with a new modem, you first must have the remote twin modem put in pairing mode by pressing down its inserted pairing button until the "mode" lamp changes to triple flash. Then switch to "PAIr" with gray or blue button, confirm with short press of black button (can take up to ten seconds before pairing is completed).
Press Red button to undo.
- 5) When SwemaFlow 126 Twin has contact with the reference device via "LAST" or "PAIr", Swema Flow 126 Twin sends a zeroing command to the reference.
- 6) Then appears on the SwemaFlow 126 Twin display, in turn;
 - measured value from the reference (remote value)
 - the measurement value from SwemaFlow 126 Twin
 - The measurement value from SwemaFlow 126 Twin as a percentage of the remote value.Ex: "remote 20.0 l/s", "real 25.0 l/s", "125.0 %".
The measurement values are displayed for 1 second, the percentage is displayed for 2 seconds.
- 7) Changing measuring unit (ex. l/s to m³/h) on SwemaFlow 126 Twin, changes the unit on the remote device if supported, and the remote value for the new unit is displayed. Changes the unit on the reference device, SwemaFlow 126 Twin changes back the unit on the reference device after a few seconds. The calculated percentage will then be correct.
- 8) SwemaFlow 126 Twin shows in twin-mode temperature, barometric pressure and airflow in l/s and m³/h (or cfm if in US units mode). Blue button switches unit (if the instruments show temperature, the percentage is based on K (Kelvin) but remote and local value shows °C).
- 9) By pressing the black button on the SwemaFlow 126 Twin during twin measurement, a zeroing command is sent to the reference. The SwemaFlow 126 Twin also automatically zeroing the reference device every 5th minute.
- 10) If the connection between the instruments is lost, SwemaFlow 126 Twin tries to reconnect automatically, as long as it is in twin mode. Move the devices closer to each other until they have contact and try again. If the distance is too long, use a Repeater.



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