



## Troubleshooting water flow meters with no flow

If you're getting no water flow rate the cause might be in the followings:

Possible reason	Possible solution
<b>Electronic channel fault</b>	<ul style="list-style-type: none"> <li>Use the diagnostic program of the test bench and check the "Electric" and "Real" values of the water flow meter channel. Most common instruments, that we use, give a 4-20 mA output signal; in this case you should get a value around 4 (mA) under "Electric" and a value around zero under "Real".</li> <li>Check I/O electronic modules led status inside the electrical cabinet.</li> </ul>
<b>Water hoses inverted</b>	<ul style="list-style-type: none"> <li>Ensure that flow and return hoses are correctly connected to the appliance under test. In case water hoses are inverted the flow meter will read negative values because flow is opposite to what it was set. Software is programmed to cut-off all negative values, therefore it will read no flow rate.</li> </ul>
<b>Error within flow meter settings</b>	<ul style="list-style-type: none"> <li>Ensure coherent calibration points are inserted into the Caled editor. For sure they cannot be zero.</li> </ul>
<b>Water flow meter not powered</b>	<ul style="list-style-type: none"> <li>Check if any thermal switch or fuse is down/broken.</li> </ul>
<b>Water flow meter segregated from the process</b>	<ul style="list-style-type: none"> <li>Ensure suitable manual or pneumatic valves are open</li> </ul>
<b>Water flow meter fault/damaged</b>	<ul style="list-style-type: none"> <li>(When possible) replace the measuring head [B] with another having the same features (ex. Siemens MAG 5000 or MAG 6000).</li> <li>Contact <a href="#">Microplan Support</a></li> </ul>
<b>Filling pressure of the circuit higher than the opening pressure of the safety valve: water flows through the flow meter in the opposite direction to the normal flow and exits through the circuit's safety valve</b>	<ul style="list-style-type: none"> <li>Decrease the water inlet pressure of the circuit (<a href="#">read more</a>) to a value lower than the opening pressure of the safety valve.</li> </ul>

