

Calibration Procedure for BM52O5221-1

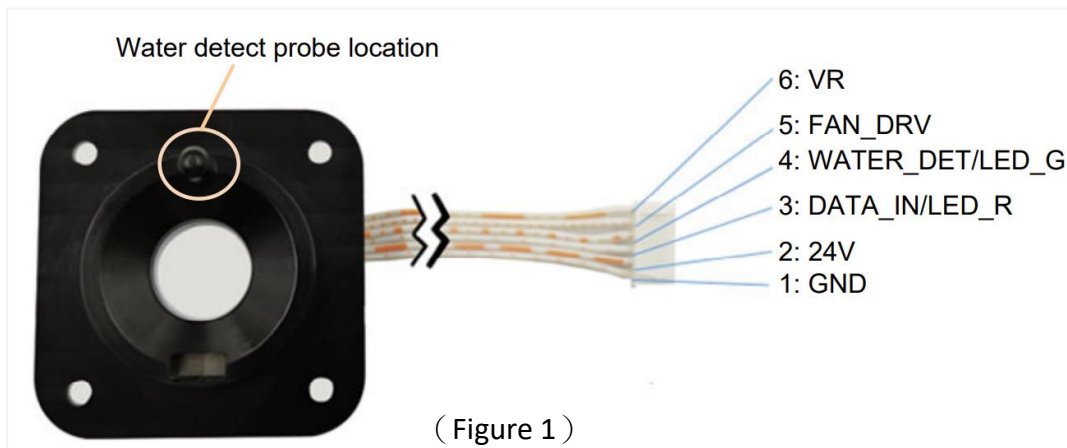
Step 1: Ensure that the BM52O5221-1 module is in an empty water state before powering on.

Step 2: Connect the negative terminal (GND) of the external power supply to the module's DATA_IN (PIN3) and the positive terminal (+5V) to WATER_DET (PIN4). Provide 24V power to the module as shown in Figure 2. Hold this connection for 2 seconds to complete the empty water calibration.

Step 3: Turn off the power and remove the test connections from PIN3/PIN4.

Step 4: Reconnect the module to the VR control board and activate the water-on power. Check if the module is able to produce mist properly.

Step 5: If mist production is not functioning properly, please check the power supply, wiring, and other connections. If you require further assistance, feel free to contact us and provide relevant information, such as wiring photos, to our email: service@bestmodulescorp.com.



Reference application circuit schematic :

