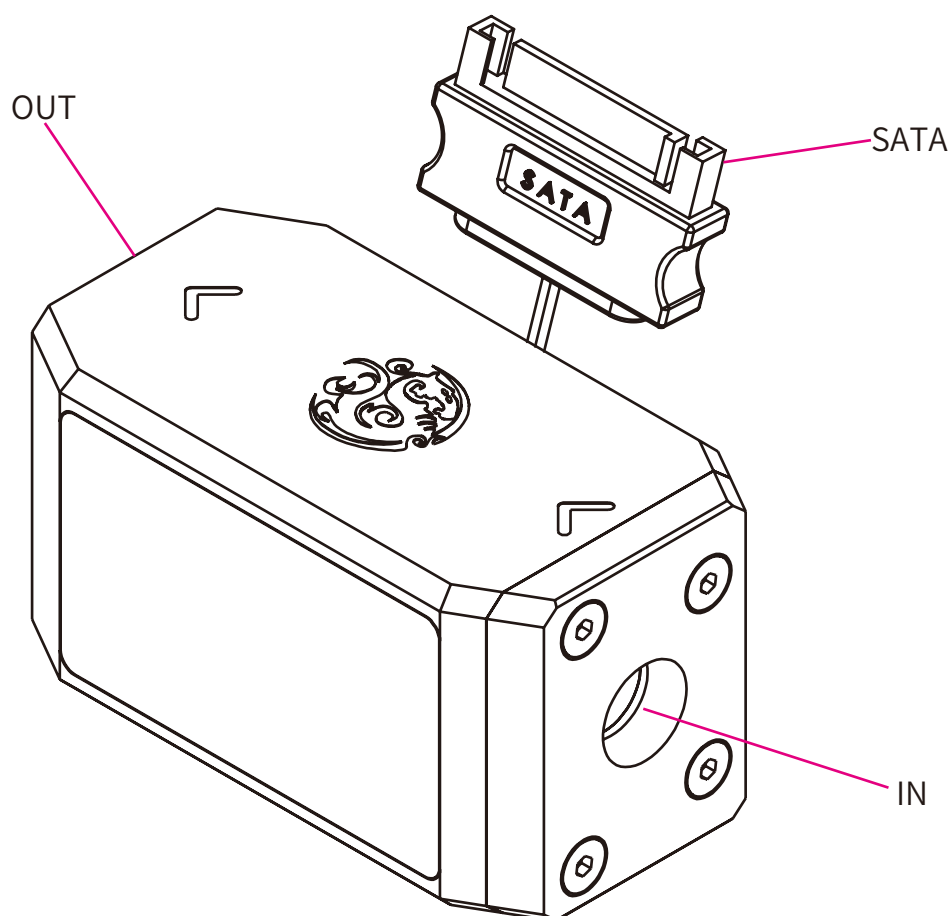


Bitpower Thermaflow Digital Sensor

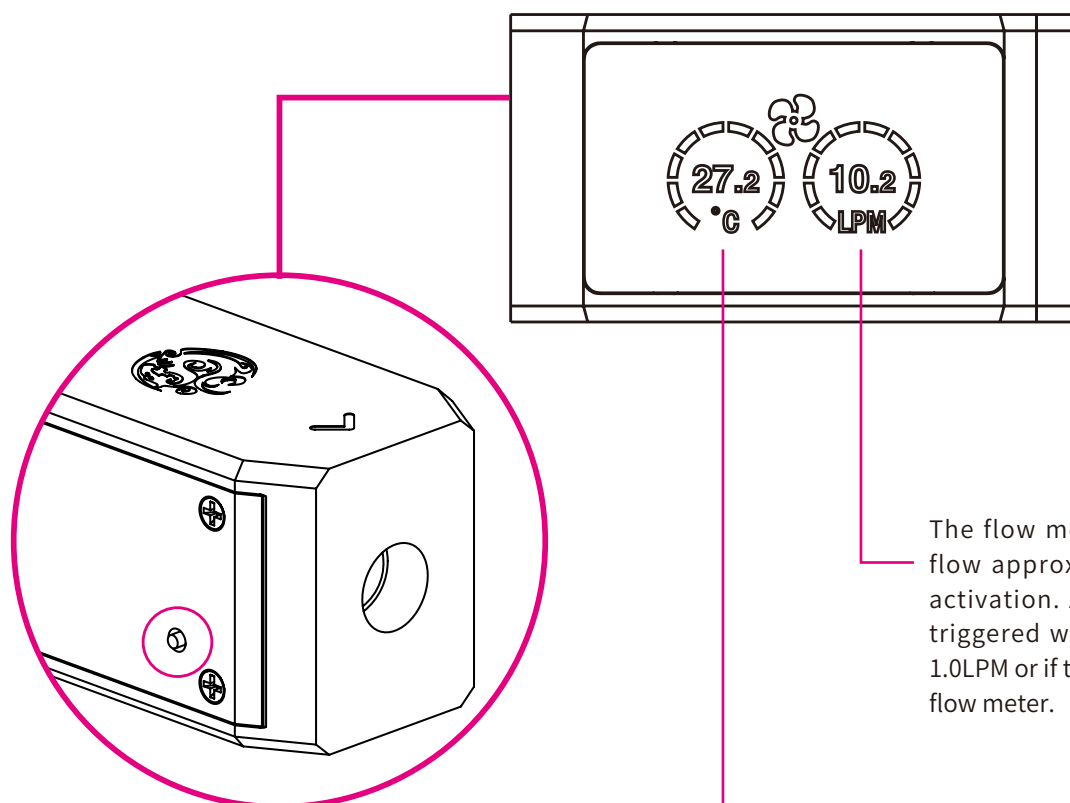
BPM-TFDS



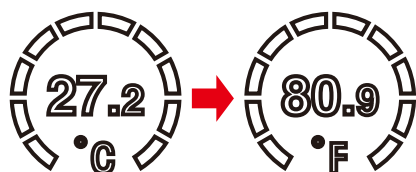
Thread : G1/4"
Operate voltage : DC 5V
Operate current : <280 mA
Flow : 0.5-20.0 LPM $\pm$ 5%
Temperature : 0~99.9°C / 32~199.9 °F

Notice

- Please read and carefully follow the installation guide in this manual prior to installing. The installation of this block requires some advanced knowledge about your hardware. As such, if you feel uncomfortable with the steps involved in installing this product, please reach out to our customer support for assistance.
- We recommend the use of a leak tester, such as our Bitspower Digital Leak Detector, after completing the assembly of your liquid cooling loop to make sure there are no leaks prior to filling up your loop with coolant.
- **NEVER** use the leak tester when liquid is present in the loop or when the pump is in operation.
- **DO NOT** exceed 0.5 kg/cm² or 7.0 PSI when using the leak tester. Excessive pressure exerted on your loop may result in damage to your liquid cooling components.
- Bitspower is not responsible for any potential damage from the use of a leak tester.
- **NEVER** overtighten or use excessive force during the installation of any components, unless otherwise stated in the instruction. Overtightening will result in damage to your components.
- Bitspower recommends the use of our Bitspower Pellucid Coolant for the best performance of your liquid cooling setup, as well as using Bitspower Dye for your desired color. We advise against the use of pure distilled water as it may lead to the development of scale and algae over time. Avoid using any other non-recommended coolants or liquid. The use of non-recommended coolants or liquid can result in unexpected abnormalities, such as peeling of the coating on your hardware, built-up of deposit or residue that will result in clogs, tube or O-ring degradation and deformation, or improper operation of the coolant pump. Bitspower is not responsible for any issues that may arise from the use of non-recommended coolant.
- **NEVER** mix or introduce components made from different kinds of metal to your liquid cooling loop. Never use Aluminum based liquid cooling components with Bitspower products. Doing this will result in serious damage and leaks with your liquid cooling components and will void your warranty. If you have any doubts or questions about the components you are using, please reach out to our customer support for assistance.
- Bitspower reserves the right to change the design and interpretations of our products without any prior notice. Actual design and color of product may differ from what is shown on our website.



Press the button in order to switch the device's status.



The flow meter starts detecting the flow approximately 6 seconds after activation. An audible alarm will be triggered when the flow goes below 1.0LPM or if there is a malfunction in the flow meter.

When the detected temperature exceeds 55 degrees Celsius, an audible alarm will be triggered.

Faults and Maintenance			
	Fault situations	Fault Cause Analysis	Fault Cause Analysis
1	Display screen showing no messages	Power cable not plugged in properly	Reconnect the power cable
2	Abnormal buzzing sound from the buzzer	Buzzer is not sounding	Reconnect the power cable
3	Display screen showing error	Voltage out of the specified range	Check if the voltage is 5V
4	Alarm sound continuously sounding	Rotor jammed	Remove foreign objects from the rotor sleeve
Caution			
1	Before powering on, ensure that the power polarity and voltage are in accordance with the specifications.		