

## Colswe-Temperature

Art. No. 13050

**Colswe-Temperature** is an USB temperature sensor. Measurements can be directly read via an USB connection or they can be stored in its internal flash memory for later retrieval via the USB connection.

**Colswe-Temperature** is ideal for monitoring the temperature of a computer or server room. It alarms when temperature is outside of the expected range.

The sensor part can be detached from the main USB board and moved a few meters away using a 4-wire cable, soldered on the designed contact pads.

**Package:**     Sensor: Temperature (Art. No. 23050).  
                  Enclosure: Box-Long-Thin-Black-Vents (Art. No. 25010).  
                  Cable to choose between:  
                          USB-A-MicroB-180, length 180 cm, right angle (Art. No. 36010)  
                          USB-A-MicroB-180, length 180 cm, left angle (Art. No. 36020)  
                          USB-A-MicroB-180, length 180 cm, straight (Art. No. 36030)  
                  Power Supply: 3 ports USB-A, 100-240V to 5V USB, 2,4A, 12W

**Colswe-Temperature** can be connected directly to:

- WiFi network with Colswe-Hub-Wireless-SR (Art. No. 27000)
- GSM network with a Colswe-Hub-GSM (Art. No. 27010)
- Ethernet network with a Colswe-Hub-Ethernet (Art. No. 27020)

Refer to the respective Hub article number.

**Downloads in [www.colswe.com](http://www.colswe.com):**

- Colswe-Temperature User Manual.pdf
- VirtualHub.Zip

## Technical Specification

Module name:	Colswe-Tmperature
Article No.:	13050
Product name:	Yocto-Temperature (Made in Switzerland)
Sensor:	MCP9804 (Microchip)
USB connector:	micro-B
Refresh rate:	10Hz
Measuring range:	-40 ... +125 °C
Accuracy:	0.25 °C
Sensitivity	0.1°C
Normal operating temperature:	5...40 °C
Extended operating temperature:	-30...85 °C
Supported Operating Systems:	Windows, Linux (Intel + ARM), Mac OS X, Android
Drivers:	no driver needed
API / SDK / Libraries (USB+TCP):	C++, Objective-C, C#, VB .NET, Delphi, Python, Java/Android
API / SDK / Libraries (TCP only):	Javascript, Node.js, PHP, Java
RoHS:	yes
Enclosure:	YoctoBox-Long-Thin-Black-Vents
USB cables:	
USB cable left	USB-A to left angle USB micro-B, 180 cm
Art. No.:	36010
USB cable right	USB-A to right angle USB micro-B, 180 cm
Art. No.:	36020
USB cable straight	USB-A to straight USB micro-B, 200 cm
Art. No.:	36030
Power supply:	3 ports USB-A, 100-240 V to 5 V USB, 2,4 A, 12 W
Art. No.:	59010
Thickness:	12,7 mm
Width:	25,5 mm
Length:	63,3 mm
Weight:	17 g

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