



## Velbus temperature controller

## VMB1TC



This Velbus temperature controller is the heart of your heating or air-conditioning system. It works together with at least one VMB1TS Velbus temperature sensor.

The controller can monitor and adjust the temperature from up to 32 sensors. A group of temperature sensors can be configured as temperature zones (e.g. Upstairs, Downstairs..). On their turn, a Velbus relay contact will drive the heating/air-conditioning (Electric/valve/pump..)

### Features:

- Multi-language menu (EN/FR/DE/ES/NL)
- Label for each sensor (max 16 characters)
- One button direct sensor access
- Up to 32 sensors per controller
- Zone creation (max 7)
- Night / Day or Comfort setting
- Programmable week/day timer, 31 steps per sensor.
- Wake-up function with automatic heating option
- Sleep function (temporary program override)
- Cooling or Heating option
- Multiple temperature alarms (anti freeze, anti overheat..)
- Celsius or Fahrenheit display
- Adjustable hysteresis
- History memory (Min, Max and total activated time)
- Low backup battery indication
- PIN code protection for configuration menu

### Technical:

- Power supply: 12 to 18Vdc
- 2 lines 16CH LCD with white LED backlight
- Heating setting range: 0° to 54° (default from 16° to 36°)
- Cooling setting range: 0° to 54° (default from 5° to 30°)
- Local or PC configuration (VelbusLink + interface)
- Backlight timer option
- Power consumption: 50mA (backlight ON)
- Battery backup: 1x CR2032 (included)
- Communication: Velbus protocol
- Dimensions (LxBxH) : 66x44x40 mm (ex. frame)

MAX  
32  
VMB1TS  
Sensors



VMB4RY



VMB1RY



VMB1TC, Shown with optional frame VMBFLG



VMB1TC, Shown with sensor in a Bticino\* frame.  
(\* not sold by Velleman)

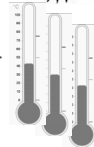


Cooling  
or  
Heating



Programmable  
Sleep timer

32...



Up to  
32  
Sensors



Warning for too  
low or too high  
temperature



Fully programmable  
Week timer