

1. BM-TH

BTMS Temperature and humidity sensor



Order code:	BM-TH
Mounting:	On wall
Dimensions:	135 × 150 × 45 mm

1.1. Highlights & Features

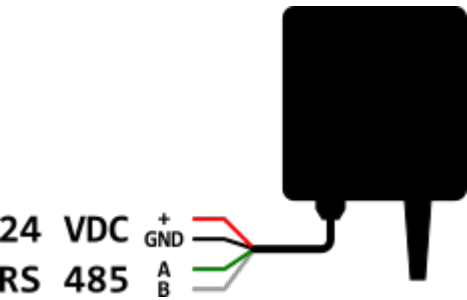
- High measurement accuracy
- Integrated use of temperature and humidity
- Superior performance, good long-term stability

1.2. Technical specification

Supply voltage	10 .. 30 VDC		
Power consumption:	0.4 W max		
Temperature measuring	Range	-40 .. +80 °C	
	Precision	± 0.5 °C (25 °C)	
	Resolution	0.1 °C	
	Long term stability	≤ 0.1 °C / year	
	Response time	≤ 18/s (1 m/s wind speed)	1/2

Humidity measuring	Range	0 .. 100 % RH
	Precision	±3 %RH (5 .. 95 %RH, 25 °C)
	Resolution	0.1 %RH
	Long term stability	≤0.1 %RH / year
	Response time	≤6 seconds (1 m/s wind speed)
Dimensions:	housing width	110 mm
	max width	135 mm
	housing height	100 mm
	max height	150 mm
	depth	45 mm

1.3. Wiring



Red	Vcc
Black	GND
Green	RS 485 A
White	RS 485 B