



wM-Bus Outdoor temperature- & humidity sensor ROBIN

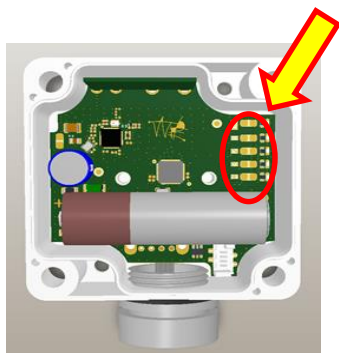


Product description

The outdoor temperature- and humidity sensor has a temperature range of -40°C to $+65^{\circ}\text{C}$. The use of a protective housing with IP54 in conjunction with a powerful lithium battery enables outdoor use in this temperature range. In addition, the housing protects against moisture and dust and is UV resistant. The wireless technology used here simplifies installation and saves extensive wiring. The lithium battery is permanently installed, a change is not provided.



Parameters



The highlighted parameters can be changed as follows:

- The usage of the encryption process
- The operating mode according to EN 13757-4
- The transmission interval

Pad mode

Encryption	1	
Enable	ON	
Disable	OFF	
wM-Bus	2	
Mode		
S-Mode	ON	
T-Mode	OFF	
TX Interval	3	4
1 min	ON	ON
5 min	OFF	ON
10 min	ON	OFF
15 min	OFF	OFF

Features:

- Temperature range: -40°C to $+65^{\circ}\text{C}$
- Typical measuring accuracy:
 - C: $\pm 0,2^{\circ}$: from 0°C to $+65^{\circ}\text{C}$
 - C: $\pm 0,6^{\circ}$: from -40°C to 0°C
 - RH: $\pm 2\%$: from 10 to 90 %
- Hardwired lithium battery
- Useful battery life at least 10 years (15min transmission interval)
- On- and Off-Option through appropriate pad's
- Configuration possible at the factory or on site
- Protection class IP54
- AES-128 encryption mode 5 according to OMS V3.0.1

