

# TECHNICAL DATA

# träck

Art. -Nr.: AST001-01



## Dimensions

40x41x16 mm

## Weight

25 g

## Temperature range

0 °C bis + 60 °C

## Energy supply

LiMnO<sub>2</sub>-Batterie with 1.000 mAh, 3 Wh

## Duration

Up to 4 years with a 30-minute transmission interval

## Protection class

IP68

## Frequency band

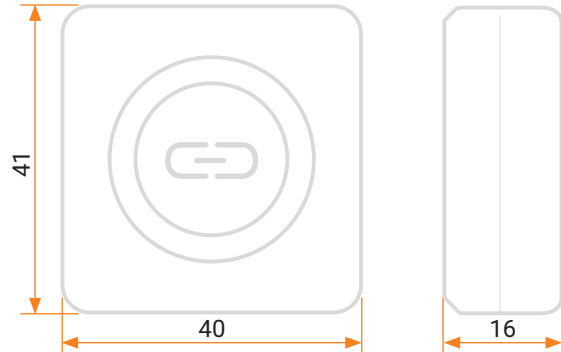
EU868

## Parameter

Parameter	Measuring range	Resolution	Accuracy
Temperature	-20 °C bis +60 °C	0,01 °C	± 0,2 °C
Relative humidity	0 % bis 99,9 %	0,01 %	± 2 % (20% ~ 80 %) ± 5 % (others)
Acceleration	± 16 g	0,5 mg	± 0,1 g
Conformities	CE, ROHS, REACH		

## Range of functions

- Suitable for indoor and outdoor use
- Three-color LED for status display
- Built-in battery with up to four years of service life
- Integrated sensor technology for recording movement and climate data
- More than 1,500 m range outdoors
- LoRaWAN Class A protocol
- Remote configuration parameters via LoRaWAN-Downlink
- Integrated operating modes
  - Time-controlled transmission
  - Motion detection
  - Pedometer
  - Statistics on opening/closing doors
- Suitable as a temperature recording device in accordance with EN12830
- Shockproof according to EN60068-27
- EMC resistance according to EN 61000-6-2 and EN 61000-6-3



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