

eGATE-KOMBI-LORAWAN-RHT-CO2-TVOC-DP

Temperature, humidity, carbon, VOC and differential pressure transmitter.

Transmitting interval: 15 minutes

MEASUREMENT RANGE:

Humidity: 0...100 % RH
 Temperature: -40...+125°C (-40...+257°F)
 Carbon: 400...5000 ppm
 VOC: 0.3...30 ppm
 Differential pressure: ±125 Pa

MEASUREMENT ACCURACY:

Humidity: ±2 %RH (+0...+80°C, 0...100 %RH) (±2 %RH (+32...+176°F, 0...100 %RH))
 Temperature: ±0.1°C (+20...+60°C) (±32.2°F (+68...+140°F))
 Carbon: ±45ppm + 3 % of the reading
 VOC: ±15 %
 Differential pressure: ±0.08 Pa + 3% of the reading

Power supply: 3.6V lithium-thionyl battery (3 x AA) / Micro-USB connector, 5V, 500 mA
 Housing material: ABS+PC
 Usage temperature: -30...+60°C (-22...+140°F), no condensation
 Storage temperature: -40...+80°C (-40...+176°F), without battery, no condensation
 Protection class: IP20
 Outer dimensions: 95 x 75 x 48 mm
 Outer dimensions including bracket: 95 x 75 x 49 mm



LORAWAN RADIO TRANSMITTER TECHNICAL DETAILS

Modulation: LoRaWan-compatible
 Frequency range: 868 MHz
 Transmitting power: maximum 25 mW
 Range: Digita LoRaWAN coverage area that can be extended with local small base transceiver stations
 Weight: 0,18 kg