

### eGATE-KOMBI-SKY

**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



### SKY RADIO TRANSMITTER TECHNICAL DETAILS

Modulation: LoRa, compatible with Sky-series equipment (no LoRaWAN)  
 Frequency range: 433.05...434.79 MHz  
 Transmitting power: maximum 10 mW  
 Range: Maximum of approximately 5 km in open space, indoors usually 30...300 m, when Effort-setting set to default 4  
 Weight: 0.21 kg