

## Description

KAQ CO2 wall mounted transmitter for detection of CO2 in various room and office spaces. For direct connection to a DDC or a monitoring system, using 4-20mA, 0-10V, Rs-485 outputs.

KAQ CO2 adopts single light source infrared measurement technology, which has high anti-pollution ability, long service life and high stability.



## Features

- Shell connected by hinge
  - More convenient wiring and setting
- M16、M20 double cable connector
  - Meet the tribute to the installation of  $\phi 12$ mm cable
- Smooth and flat surface
  - Prevent the pollution of the shell surface in harsh environment
- CO2 automatic calibration
- Long-term stability
- Temperature compensation

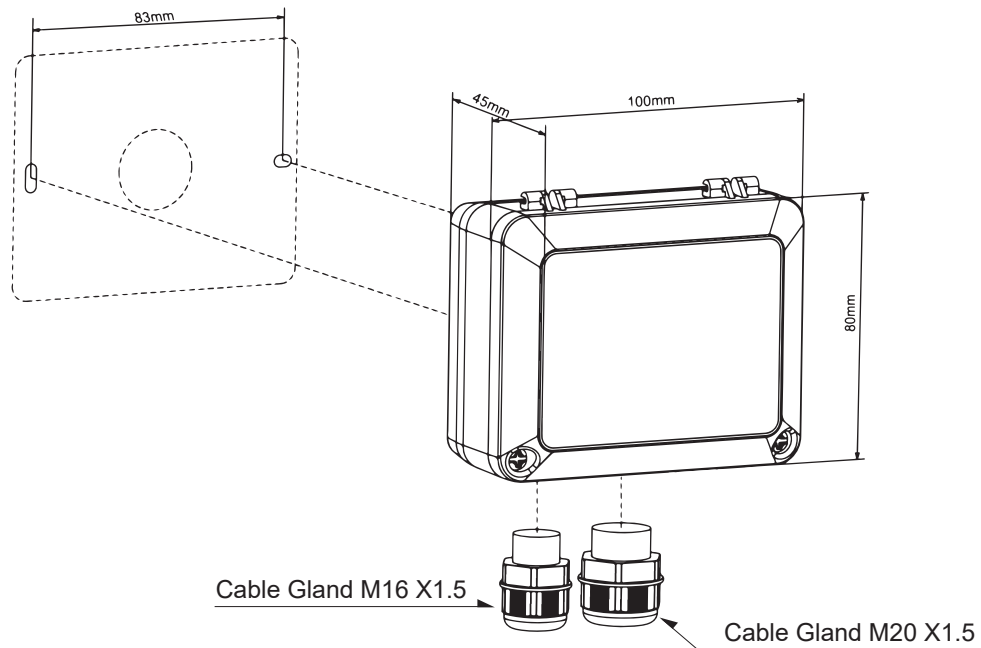
## Applications

- HVAC system
- Energy-saving ventilation control
- Building automation

## Technical Data

| Model              | KAQ CO2                            |
|--------------------|------------------------------------|
| Power Supply       | 16-30V DC (2 wire 4-20mA)          |
|                    | 16-30V AC or V DC ( 0-10V/RS 485 ) |
| Output             | 4-20mA / 0-10V/ Rs 485             |
| Operating Temp     | -10 ... +50°C                      |
| Operating Humidity | 0-95% non-condensing               |
| Storage Temp       | -30 ... +70°C                      |
| Response Time      | 30s                                |
| Data refresh rate  | 1s                                 |
| Measuring Range    | 0-10000 ppm                        |
| Accuracy           | ±50 ppm+5% measurement value       |
| Cable Gland        | M16*1.5 and M20*1.5                |

### ≡ Dimensions (mm)



### ≡ Ordering Guide

| KAQ CO2 |        | —   | Output      |  | —     | Range |  |
|---------|--------|-----|-------------|--|-------|-------|--|
| Model   |        |     | Output      |  |       | Range |  |
| KAQ CO2 | 4-20mA | (E) | 0-2000 ppm  |  | (2K)  |       |  |
|         | 0-10V  | (G) | 0-5000 ppm  |  | (5K)  |       |  |
|         | Rs-485 | (H) | 0-10000 ppm |  | (10K) |       |  |

### ≡ Order Examples

#### KAQ CO2-E-2K

|        |                     |
|--------|---------------------|
| Model  | KAQ CO2 Transmitter |
| Output | 4-20mA              |
| Range  | 0-2000 ppm          |