

2019-04-16

## GMW86P Carbon Dioxide Wall Mount Transmitter for Demand Controlled Ventilation Applications



### Features/Benefits:

- Superior stability due to 2nd-gen proprietary CARBOCAP® technology
- Voltage and current output
- Accurate temperature and humidity measurement due to low self-heating.
- Excellent long-term stability, even in buildings with 24/7 occupancy

### Summary:

Carbon dioxide wall mount transmitter shall incorporate a silicon-based CARBOCAP® NDIR sensor. CO<sub>2</sub> measurement range of 0...2000 ppm. CO<sub>2</sub> accuracy from 20 to 30°C (68 to 86°F) is ± (30 ppm + 3 % of reading). Stability in typical conditions is ± (15 ppm + 2 % of reading) over 5 years. Transmitter to be powered by 18 ... 35 VDC or 24 VAC and provide a linear output signal of 4...20mA or 0...10V corresponding to 0... 2000 ppm.

Vaisala model: GMW86P (analog CO<sub>2</sub> output, passive Temp output PT1000 RTD)