

## GenII Transmitter type GD43 Product Preview



The GD43 transmitter is designed for users who wish to monitor temperature, temperature/humidity and input from an external sensor e.g. CO<sub>2</sub>, O<sub>2</sub> etc.

When used with, for instance with the Vaisala GMT221 CO<sub>2</sub> sensor e.g. range 0-5/10 or 20%, provides a very compact, comprehensive and cost effective monitoring solution.

Note: the GD43 is battery operated with a battery endurance of 2 or more years based on a 5 minute transmit interval.

Note also that the Vaisala GMT221 must be powered from an external supply in order to be used with the GD43



Input type:

**Co<sub>2</sub>** e.g. 0-5% is  $\pm$  (1.5% of range + 2 % of reading)

**Temperature only** - using themistor probe  
Accuracy is  $\pm$ 0.2°C (-25 to +100°C)

**RH and temp** using Eltek RHT10D probe  
RH, 0-100% is  $\pm$ 1.5% RH at 23°C  
Temperature, 0.4°C (+5 to +40°C)

Note the GD43 can also be used with the Rotronic Hygroclip RH and temperature probe if preferred.

Vaisala CO<sub>2</sub> interface illustrated. The probe section can be extended on a 2M lead and can be mounted in the environment to be monitored, e.g. an incubator with the RH and temp or temperature only probe.