

# GenII Transmitter type GD43

## Product Preview



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

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

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

Note: the Vaisala GMT221 requires external power supply in order to be used with the GD43

### GD43 variants:

Model	RH/Temp probe	V/C input	temp only
GD43E	Eltek RHT/10D	0-1VDC	1 x Thermistor
GD43EE	E plus E EE08	0-10VDC 0-20mA	
GD43R	Rotronic Hygroclip	4-20mA	



### Input type:

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

**Temperature only** - using themistor probe

Accuracy is ±0.2°C (-25 to +100°C)

**RH and temp** using Eltek RHT10D probe

RH, 0-100% is ±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) or E plus E (EE08) RH and temperature probe if preferred. See table above.

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.