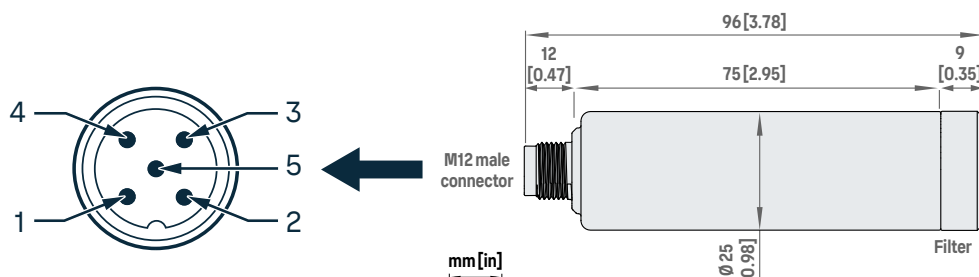


Quick Guide

Vaisala CARBOCAP® GMP251 CO₂ Probe

Pinout and dimensions



Pin #	Function	Note	Wire colors ¹⁾
1	Power in	Digital output: 12–30 V DC Voltage output: 12–30 V DC Current output: 20–30 V DC Average consumption < 0.4 W, maximum 0.5 W	● Brown
2	RS-485- or voltage output	Voltage output: 0–5 V DC or 0–10 V DC ²⁾	○ White
3	GND		● Blue
4	RS-485+ or current output	Current output: 0–20 mA or 4–20 mA ²⁾	● Black
5	Output control	Connecting pin #5 to GND (pin #3) forces the probe to analog output mode. If an analog output configuration has not been selected, default 0–10 V DC and 4–20 mA scalings are used. If pin #5 is not connected, the analog or digital output selected when ordering or set later through configuration is used.	● Gray

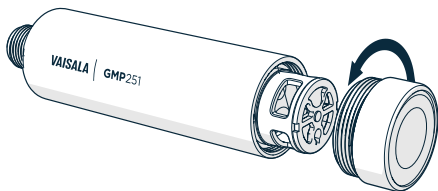
1) Cable with open wires.

2) Default analog output scaling.

Replacing the filter

To open the filter, turn the filter counter-clockwise. Reinstall the filter to finger tightness.

Caution: Do not open the probe body. Be careful not to touch any parts under the filter.



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