



Order form
Orderer

Valid from January 2018
Order no.

GMP251 Carbon Dioxide Probe for % measurements

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | PRICE |
|---|--|---------------|----------|---|---|---|----------|----------|----------|-------|
| Vaisala CARBOCAP® Carbon Dioxide Probe | | GMP251 | | | | | | | | |
| 1 Probe type / Analog Output Scaling | 0...20 % with standard filter | A | | | | | | | | |
| | 0...10 % with standard filter | B | | | | | | | | |
| | 0...5 % with standard filter | C | | | | | | | | |
| | 0...2 % with standard filter | D | | | | | | | | |
| | 0...3 % with standard filter | E | | | | | | | | |
| | <i>0...20 % with flow-through adapter</i> | <i>F</i> | | | | | | | | |
| 2 Output mode | RS-485 Modbus | 0 | | | | | | | | |
| | RS-485 Vaisala protocol / Indigo™ use | 1 | | | | | | | | |
| | 4...20 mA* | 2 | | | | | | | | |
| | 0...20 mA* | 3 | | | | | | | | |
| | 0...5 V* | 4 | | | | | | | | |
| | 0...10 V* | 5 | | | | | | | | |
| 3 Temperature compensation | RS-485 Vaisala protocol 9600 bauds, N, 8, 1 | K | | | | | | | | |
| | Temperature setpoint 25 °C** | A | | | | | | | | |
| | Temperature setpoint 37 °C** | B | | | | | | | | |
| | Active internal compensation*** | C | | | | | | | | |
| 4 Pressure compensation | Pressure setpoint 1013 hPa** | | 0 | | | | | | | |
| 5 Background gas compensations | Background gas setpoint 0 %O₂, 0 %RH** | A | | | | | | | | |
| | Background gas setpoint 21 %O₂, 50 %RH** | B | | | | | | | | |
| | Background gas setpoint 19.7 %O₂, 93 %RH** | C | | | | | | | | |
| 6 Cable | no cable | | | | | | 0 | | | |
| | <i>Probe cable with open wires (1.5 m)</i> | | | | | | <i>1</i> | | | |
| | <i>Probe cable with open wires and 90° plug (0.6 m)</i> | | | | | | <i>3</i> | | | |
| | <i>Probe cable with open wires (10 m)</i> | | | | | | <i>4</i> | | | |
| | <i>Probe cable with open wires (3 m)</i> | | | | | | <i>5</i> | | | |
| 7 Mounting | no mounting accessories | | | | | | | N | | |
| | <i>Probe mounting clips (2 pcs)</i> | | | | | | | <i>C</i> | | |
| | <i>Probe mounting flange</i> | | | | | | | <i>F</i> | | |
| 8 Package | Single package | | | | | | | | 1 | |
| | 10 piece multi-package (to use this, order must contain 10 units) | | | | | | | | 2 | |

Selections in bold are included in the prices of the basic version.
Selections in italic are available at an extra price.

*) Analog output mode requires grounding of pin 5 (connecting pin 3 and pin 5 together)
**) Compensation setpoint values can be updated via RS485 communications
***) Uses the probe internal temperature sensing, accuracy limited to ±3 °C in typical installation conditions

Examples of order codes with typical settings:

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Standard CO ₂ Probe for incubator application | GMP251 | A | 2 | B | 0 | C | 1 | N | 1 |

End customer: _____

Accessories

Standard membrane filter
Porous sintered PTFE filter, extra protection
Flow-through adapter with gas ports
Probe cable with open wires (1.5 m)
Probe cable with open wires and 90° plug (0.6 m)
Probe cable with open wires (10 m)
Probe cable with open wires (3 m)
Probe mounting clips (2 pcs)
Probe mounting flange
USB cable for PC connection
M170 connection cable for probe
Flat cable for GMP250 probes, M12-5pin
Calibration adapter
Spray Shield (IPX9 Rating)
Radiation Shield DTR250 with Mast Installation Kit
Radiation Shield DTR250 for Outdoor Use

Item code

ASM211650SP
DRW243649SP
ASM211697SP
223263SP
244669SP
216546SP
26719SP
243257SP
243261SP
242659
CBL210472
CBL210493SP
DRW244827SP
ASM212017SP
DTR250A
DTR250

GMP251 Indigo™ Order Form, please see the next page.

GMP251 Carbon Dioxide Probe for % measurements For Indigo™ Transmitter

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | PRICE |
|---|------------------------|--|----------|----------|---|---|----------|---|----------|-------|
| Vaisala CARBOCAP® Carbon Dioxide Probe | | GMP251 | | | | | | | | |
| 1 | Probe type / Analog | 0...20 % with standard filter | A | | | | | | | |
| | Output Scaling | 0...10 % with standard filter | B | | | | | | | |
| | | 0...5 % with standard filter | C | | | | | | | |
| | Indigo transmitter | 0...2 % with standard filter | D | | | | | | | |
| | automatically use this | 0...3 % with standard filter | E | | | | | | | |
| | scale on its outputs | <i>0...20 % with flow-through adapter</i> | <i>F</i> | | | | | | | |
| 2 | Output mode | Indigo™ use | | 1 | | | | | | |
| 3 | Temperature | Temperature setpoint 25 °C | A | | | | | | | |
| | compensation | Temperature setpoint 37 °C | B | | | | | | | |
| | | Active internal compensation* | C | | | | | | | |
| 4 | Pressure | Pressure setpoint 1013 hPa | | 0 | | | | | | |
| | compensation | | | | | | | | | |
| 5 | Background gas | Background gas setpoint 0 %O₂, 0 %RH | A | | | | | | | |
| | compensations | Background gas setpoint 21 %O₂, 50 %RH | B | | | | | | | |
| | | Background gas setpoint 19.7 %O₂, 93 %RH | C | | | | | | | |
| 6 | Cable | no cable | | 0 | | | | | | |
| 7 | Mounting | no mounting accessories | | | | | N | | | |
| 8 | Package | Single package | | | | | | | 1 | |
| | | 10 piece multi-package (to use this, order must contain 10 units) | | | | | | | 2 | |

Selections in bold are included in the prices of the basic version.
Selections in italic are available at an extra price.

*) Uses the probe internal temperature sensing, accuracy limited to ±3 °C in typical installation conditions

Examples of order codes with typical settings:

| | | | | | | | | | |
|------------------------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| GMP251 with typical settings | GMP251 | A | 1 | A | 0 | B | 0 | N | 1 |
|------------------------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|

End customer: _____

Accessories

Probe connection cable for Indigo™, 1 m
 Probe connection cable for Indigo™, 3 m
 Probe connection cable for Indigo™, 5 m
 Probe connection cable for Indigo™, 10 m
 Standard membrane filter
 Porous sintered PTFE filter, extra protection
 Flow-through adapter with gas ports
 Probe mounting clips (2 pcs)
 Probe mounting flange
 USB cable for PC connection
 MI70 connection cable for probe
 Flat cable for GMP250 probes, M12-5pin
 Calibration adapter
 Spray Shield (IPX9 Rating)
 Radiation Shield DTR250 with Mast Installation Kit
 Radiation Shield DTR250 for Outdoor Use

Item code

INDIGOCABLE1M
 INDIGOCABLE3M
 INDIGOCABLE5M
 INDIGOCABLE10M
 ASM211650SP
 DRW243649SP
 ASM211697SP
 243257SP
 243261SP
 242659
 CBL210472
 CBL210493SP
 DRW244827SP
 ASM212017SP
 DTR250A
 DTR250

Standard GMP251 Order Form, please see the next page.