

## **GMP251 Carbon Dioxide Probe for % measurements**

ais	ala CARBOCAP <sup>®</sup> Car	bon Dioxide Probe GMP25	_					_		Ш	PRIC
1	Probe type / Analog	020 %with standard filter	Α								
	Output Scaling	010 %with standard filter	В								
		05 % with standard filter	С								
		02 % with standard filter	D								
		03 % with standard filter	Ε								
L		020 % with flow-through adapter	F								
2	Output mode	RS-485 Modbus		0							
		RS-485 Vaisala protocol / Indigo™ use		1							
		420 mA*		2							
		020 mA*		3							
		05 V*		4							
		010 V*		5							
3		RS-485 Vaisala protocol 9600 bauds, N, 8, 1		K							
3	Temperature	Temperature setpoint 25 °C**			A						
	compensation	Temperature setpoint 37 °C**			В						
	•	Active internal compensation***			С						
5	Pressure	Pressure setpoint 1013 hPa**				0					
	compensation										
5	Background gas	Background gas setpoint 0 %O2, 0 %RH**					Α				
	compensations	Background gas setpoint 21 %O2, 50 %RH**					В				
		Background gas setpoint 19.7 %O2, 93 %RH**					С				
6	Cable	no cable						0	П	П	
		Probe cable with open wires (1.5 m)						1			
		Probe cable with open wires and 90° plug (0.6 m)						3			
		Probe cable with open wires (10 m)						4			
		Probe cable with open wires (3 m)						5			
7	Mounting	no mounting accessories							N		
8		Probe mounting clips (2 pcs)							С		
-		Probe mounting flange							F		
8	Package	Single package								1	
		10 piece multi-package (to use this, order must con	tain	10	ınit	s)				2	

<sup>\*)</sup> Analog output mode requires grounding of pin 5 (connecting pin 3 and pin 5 together)

Examples of order codes with typical settings:

1 2 3 4 5 6 7 8 A 2 B 0 C 1 N 1 Standard CO<sub>2</sub> Probe for incubator application GMP251

End customer:

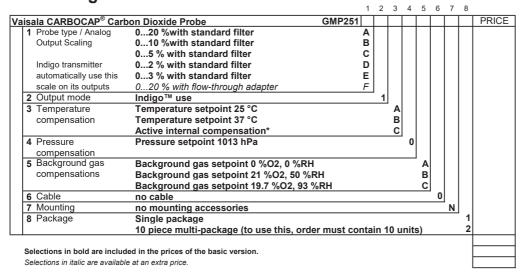
<u>Item code</u> ASM211650SP Accessories Standard membrane filter Porous sintered PTFE filter, extra protection DRW243649SP ASM211697SP Flow-through adapter with gas ports Probe cable with open wires (1.5 m) 223263SP Probe cable with open wires and 90° plug (0.6 m) 244669SP 216546SP Probe cable with open wires (10 m) Probe cable with open wires (3 m) 26719SP Probe mounting clips (2 pcs) 243257SP Probe mounting flange 243261SP USB cable for PC connection 242659 MI70 connection cable for probe CBL210472 Flat cable for GMP250 probes, M12-5pin CBL210493SP Calibration adapter DRW244827SP Spray Shield (IPX9 Rating) ASM212017SP Radiation Shield DTR250 with Mast Installation Kit DTR250A Radiation Shield DTR250 for Outdoor Use DTR250

<sup>\*\*)</sup> Compensation setpoint values can be updated via RS485 communications

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



## GMP251 Carbon Dioxide Probe for % measurements For Indigo™ Transmitter



<sup>\*)</sup> Uses the probe internal temperature sensing, accuracy limited to  $\pm 3$  °C in typical installation conditions

Examples of order codes with typical settings:

		1	2	3	4	5	6	7	8
GMP251 with typical settings	GMP251	Α	1	Α	0	В	0	N	1

## End customer:

Accessories	Item code
Probe connection cable for Indigo™, 1 m	INDIGOCABLE1M
Probe connection cable for Indigo™, 3 m	INDIGOCABLE3M
Probe connection cable for Indigo™, 5 m	INDIGOCABLE5M
Probe connection cable for Indigo™, 10 m	INDIGOCABLE10M
Standard membrane filter	ASM211650SP
Porous sintered PTFE filter, extra protection	DRW243649SP
Flow-through adapter with gas ports	ASM211697SP
Probe mounting clips (2 pcs)	243257SP
Probe mounting flange	243261SP
USB cable for PC connection	242659
MI70 connection cable for probe	CBL210472
Flat cable for GMP250 probes, M12-5pin	CBL210493SP
Calibration adapter	DRW244827SP
Spray Shield (IPX9 Rating)	ASM212017SP
Radiation Shield DTR250 with Mast Installation Kit	DTR250A
Radiation Shield DTR250 for Outdoor Use	DTR250

Standard GMP251 Order Form, please see the next page.