



VAISALA

GMP251
CO2 Probe for % Measurements



GMP251 Order Form
G010006EN-A
Valid from March 2023

			1	2	3	4	5	6	7	8
	CO2 Probe for % Measurements	SPARE CODE	GMP251				0			
hardware	1 Probe Type	0...20% Probe with Standard Filter	A							
		0...10% Probe with Standard Filter	B							
		0...5% Probe with Standard Filter	C							
		0...2% Probe with Standard Filter	D							
		0...3% Probe with Standard Filter	E							
		0...20% Probe with Flow-through Adapter	F							
settings	2 Output Mode	RS-485 Modbus		0						
		Digital Output RS-485		1						
		4...20mA Output ¹		2						
		0...20mA Output ¹		3						
		0...5V Output ¹		4						
		0...10V Output ¹		5						
		0...1V Output ¹		6						
		0...10V Output with Error Level 10.3V ¹		H						
		0...1V Output with ERROR level 1V ¹		T						
	3 Temperature Compensation	Temperature Setpoint +25°C (+77°F) ²		A						
		Temperature Setpoint +37°C (+99°F) ²		B						
		Active Internal Temperature Compensation ³		C						
accessory	5 Background Gas Compensations	Background Gas Setpoint 0%O2, 0%RH ²					A			
		Background Gas Setpoint 21%O2, 50%RH ²					B			
		Background Gas Setpoint 19.7%O2, 93%RH ²					C			
	6 Cable	No Cable						0		
		1.5 m Probe Cable with Open Wires	223263SP					1		
		High Temperature Durable Cable	CBL210347-10SP					2		
		0.6 m Probe cable with Open Wires and 90° Plug	244669SP					3		
		10 m Probe Cable with Open Wires	216546SP					4		
		3 m Probe Cable with Open Wires	26719SP					5		
		1.5 m Probe cable with Open Wires and 90° Plug	255102					6		
		High Temperature Durable Cable With Open Wires	CBL210780-1MSP					7		
	7 Mounting	No Mounting Accessories							N	
hw		Probe Mounting Clips (2 pcs)	243257SP						C	
		Probe Mounting Flange	252346SP						F	
	8 Package	Single Package								1
		10 Piece Multi-package (available if the order contains 10 units)								2

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

NOTE:	Selections in bold are included in the prices of the basic versions. • Selections in <i>italic</i> are available at an extra price.
LINKS:	User Guides Datasheet Vaisala.com product page

Related Items

- Connection Cable, M12-5F - Open Wires, 10 m
Connection Cable, M12-5F - Open Wires, 1.5 m
USB Service Cable M12-5F, RS-485
Probe Mounting Clips (2 pcs)
Probe Mounting Flange
Connection Cable, M12-5F 90° - Open Wires, 0.6 m
Mounting flange for GMP251 and GMP252
Cable, Instrumentation, SH, M12/5(F) RA-Open, 5x0.34mm2, 1.5m, PP/PUR, HF, BLK
Connection Cable, M12-5F - Open Wires, 3 m
Standard Membrane Filter

Part number

- 216546SP
223263SP
242659
243257SP
243261SP
244669SP
252346SP
255102
26719SP
ASM211650SP

Example of order code with typical settings:

	1	2	3	4	5	6	7	8
GMP251	A	2	C	0	B	T	N	1