

GMP251 CO2 Probe for % Measurements



CO2 Probe for % Measurements		SPARE CODE	GMP251	1	2	3	4	5	6	7	8
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								
		<i>0...20% Probe with Flow-through Adapter</i>	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								
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		
accessory	6 Cable	No Cable									0
		<i>1.5 m Probe Cable with Open Wires</i>	223263SP								1
		<i>High Temperature Durable Cable</i>	CBL210347-10SP								2
		<i>0.6 m Probe cable with Open Wires and 90° Plug</i>	244669SP								3
		<i>10 m Probe Cable with Open Wires</i>	216546SP								4
		<i>3 m Probe Cable with Open Wires</i>	267195SP								5
		<i>1.5 m Probe cable with Open Wires and 90° Plug</i>	255102								6
		<i>High Temperature Durable Cable With Open Wires</i>	CBL210780-1MSP								7
7 Mounting	No Mounting Accessories										N
	<i>Probe Mounting Clips (2 pcs)</i>	243257SP									C
	<i>Probe Mounting Flange</i>	252346SP									F
hw	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. • <i>Selections in italic are available at an extra price.</i>
LINKS:	User Guides Datasheet Vaisala.com product page

Example of order code with typical settings:

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

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
- 267195SP
- ASM211650SP