



VAISALA

GMP252

CO2 Probe for ppm Measurements



GMP252 Order Form

G010007EN-A

Valid from March 2023

CO2 Probe for ppm Measurements			SPARE CODE		GMP252		1	2	3	4	5	6	7	8
hardware	1	Probe Type	0...10 000 ppm Probe with Sintered PTFE Filter	1										
			0...5000 ppm Probe with Sintered PTFE Filter	2										
			0...2000 ppm Probe with Sintered PTFE Filter	3										
			0...3000 ppm Probe with Sintered PTFE Filter	4										
			0...20 000 ppm Probe with Sintered PTFE Filter	5										
			0...20 000 ppm Probe with Porous Sintered PTFE Filter (Indigo80)	6										
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	A										
	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									
	4	Pressure Compensation	Pressure Setpoint 1013 hPa ²			0								
			Pressure Setpoint 982 hPa ²			T								
	5	Background Gas Compensation	Background Gas Setpoint 0%O2, 0%RH ²				A							
			Background Gas Setpoint 21%O2, 50%RH ²				B							
accessory	6	Cable	No Cable				0							
			• 1.5 m Probe Cable with Open Wires	223263SP				1						
			• 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-IMSP				7						
			• M12-M12 Probe Connection Cable (Indigo80)	272075SP				8						
			• Flat Probe Connection Cable (Indigo80)	CBL210493SP				9						
	7	Mounting	No Mounting Accessories										N	
hardware			• Probe Mounting Clips (2 pcs)	243257SP									C	
			• Probe Mounting Flange	252346SP									F	
			• Probe Handle with Magnetic Hanger (Indigo80)	GMP252HANDLESP									H	
	8	Package	Single Package											1
			10 Piece Multi-package (available if the order contains 10 units)											2
			Single Package for Probe with Handle (Indigo80)											3

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 italic are available at an extra price.
LINKS:	User Guides Datasheet Vaisala.com product page

Example of order code with typical settings:

	1	2	3	4	5	6	7	8
GMP252	S	O	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, Spare Part M12/5(F)-Open, 5x0.34mm2, 1.5m, PP-EPDM/PP, GRY
- Cable, Instrumentation, SH, M12/5(F) RA-Open, 5x0.34mm2, 1.5m, PP/PUR, HF, BLK
- Connection Cable, M12-5F - Open Wires, 3 m
- Cable, Spare Part M12/5(M)-M12/5(F), 5x0.34mm2, 1.5m, PP/PUR, BLK
- Flow Through Adapter Assembly GMP252 Spare Part
- Spray Shield (IPX9 Rating)
- Magnetic Hanger Spare Part
- GMP252 Handle Spare Part
- M170 Connection Cable with M12-5F Connector
- Flat Cable, M12-5(M) - M12-5(F), 1m
- Cable, Sensor, M12/5(F)-Open For GMP250 Probes
- Porous Sintered PTFE Filter, Extra Protection
- Calibration Adapter
- Radiation Shield for Outdoor Use
- Radiation Shield with Mast Installation Kit

Part number

- 216546SP
- 223263SP
- 242659
- 243257SP
- 243261SP
- 244669SP
- 252346SP
- 254294SP
- 255102
- 26719SP
- 272075SP
- ASM21201ISP
- ASM212017SP
- ASM214318SP
- ASM214342SP
- CBL210472
- CBL210493SP
- CBL210780-IMSP
- DRW244221SP
- DRW244827SP
- DTR250
- DTR250A