

VAISALA

GMP252
CO2 Probe for ppm Measurements



GMP252 Order Form
G010007EN-A
Valid from March 2023

			1	2	3	4	5	6	7	8
	CO2 Probe for ppm Measurements	SPARE CODE	GMP252							
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 <i>italic</i> 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	Part number
Connection Cable, M12-5F - Open Wires, 10 m	216546SP
Connection Cable, M12-5F - Open Wires, 1.5 m	223263SP
USB Service Cable M12-5F, RS-485	242659
Probe Mounting Clips (2 pcs)	243257SP
Probe Mounting Flange	243261SP
Connection Cable, M12-5F 90° - Open Wires, 0.6 m	244669SP
Mounting flange for GMP251 and GMP252	252346SP
Cable, Spare Part M12/5(F)-Open, 5x0.34mm2, 1.5m, PP-EPDM/PP, GRY	254294SP
Cable, Instrumentation, SH, M12/5(F) RA-Open, 5x0.34mm2, 1.5m, PP/PUR, HF, BLK	255102
Connection Cable, M12-5F - Open Wires, 3 m	26719SP
Cable, Spare Part M12/5(M)-M12/5(F), 5x0.34mm2, 1.5m, PP/PUR, BLK	272075SP
Flow Through Adapter Assembly GMP252 Spare Part	ASM212011SP
Spray Shield (IPX9 Rating)	ASM212017SP
Magnetic Hanger Spare Part	ASM214318SP
GMP252 Handle Spare Part	ASM214342SP
M170 Connection Cable with M12-5F Connector	CBL210472
Flat Cable, M12-5(M) - M12-5(F), 1m	CBL210493SP
Cable, Sensor, M12/5(F)-Open For GMP250 Probes	CBL210780-IMSP
Porous Sintered PTFE Filter, Extra Protection	DRW244221SP
Calibration Adapter	DRW244827SP
Radiation Shield for Outdoor Use	DTR250
Radiation Shield with Mast Installation Kit	DTR250A