

DGM10 Product List

Environment | Industrial Safety | Health

Order Information

04-DGM10- **A** - **B** - **C** - **D** -01

S0	S1	Range0	Range1
O ₂	CO	25%	1000
NH ₃	H ₂ S	10	5
PH ₃	O ₂	20	25%
SO ₂	NO ₂	5	5
TVOC	HCHO	10	5
.....			

S0: Gas1

Range0: The range of Gas1

S1: Gas2

Range1: The range of Gas2

Example Part Number1

04-DGM10-O₂-CO-25%-1000-01

04-DGM10: Double Gas Sensor Module

O₂: Detect Oxygen(O₂)

CO: Detect Carbon Monoxide(CO)

25%: Measurement range is 0-25% vol.

1000: Measurement range is 0-1000 ppm

DGM10 Smart Double Gas Sensor Module

Item	Gas	Gas Formula	Range	Resolution	Response Time
1	Arsenide	AsH ₃	0-1 ppm	< 0.02 ppm	< 3 s (T90 < 30 s)
2	Diborane	B ₂ H ₆	0-5 ppm	0.01 ppm	< 3 s (T90 < 80 s)
3	Methyl Mercaptan	CH ₄ S	0-10 ppm	0.01 ppm	< 3 s (T90 < 30 s)
			0-100 ppm	0.1 ppm	< 3 s (T90 < 30 s)
4	Chlorine	Cl ₂	0-5 ppm	< 0.01 ppm	< 3 s (T90 < 60 s)
			0-50 ppm	< 0.1 ppm	< 3 s (T90 < 60 s)
5	Chlorine Dioxide	ClO ₂	0-1 ppm	0.01 ppm	< 3 s (T90 < 60 s)
			0-5 ppm	0.01 ppm	< 3 s (T90 < 60 s)
			0-50 ppm	0.1 ppm	< 3 s (T90 < 60 s)
6	Carbon Monoxide	CO	0-10 ppm	0.01 ppm	< 3 s (T90 < 30 s)
			0-100 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-1000 ppm	0.1 ppm	< 3 s (T90 < 30 s)
7	Ethylene	C ₂ H ₄	0-10000 ppm	1 ppm	< 3 s (T90 < 30 s)
			0-10 ppm	0.01 ppm	< 3 s (T90 < 80 s)
			0-200 ppm	0.1 ppm	< 3 s (T90 < 80 s)
8	Ethylene Oxide	ETO	0-10 ppm	0.01 ppm	< 3 s (T90 < 30 s)
			0-200 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-1000 ppm	0.1 ppm	< 3 s (T90 < 30 s)
9	Formaldehyde	HCHO	0-5 ppm	0.01 ppm	< 3 s (T90 < 120 s)
			0-100 ppm	0.1 ppm	< 3 s (T90 < 120 s)

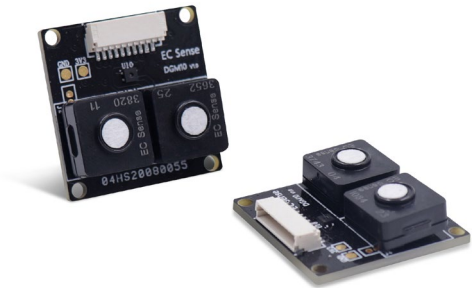
DGM10 Smart Double Gas Sensor Module

Item	Gas	Gas Formula	Range	Resolution	Response Time
10	Hydrogen Cyanide	HCN	0-5 ppm	0.01 ppm	< 3 s (T90 < 120 s)
			0-50 ppm	0.1 ppm	< 3 s (T90 < 120 s)
11	Hydrogen	H ₂	0-1000 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-5000 ppm	1 ppm	< 3 s (T90 < 30 s)
			0-5% vol.	0.001% vol.	< 3 s (T90 < 90 s)
12	Hydrogen Sulfide	H ₂ S	0-2 ppm	0.01 ppm	< 3 s (T90 < 30 s)
			0-10 ppm	0.01 ppm	< 3 s (T90 < 30 s)
			0-50 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-100 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-500 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-5000 ppm	0.1 ppm	< 3 s (T90 < 30 s)
13	Indoor Air Quality	IAQ	0-10 ppm	0.01 ppm	< 3 s (T90 < 15 s)
			0-200 ppm	0.1 ppm	< 3 s (T90 < 15 s)
14	Ammonia	NH ₃	0-10 ppm	0.01 ppm	< 3 s (T90 < 150 s)
			0-100 ppm	0.1 ppm	< 3 s (T90 < 150 s)
15	Nitrogen Dioxide	NO ₂	0-5 ppm	< 0.005 ppm	< 3 s (T90 < 60 s)
			0-50 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-100 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-1000 ppm	0.1 ppm	< 3 s (T90 < 30 s)
			0-2000 ppm	0.1 ppm	< 3 s (T90 < 30 s)
16	Oxygen	O ₂	0-25% vol.	0.01% vol.	< 3 s (T90 < 10 s)
17	Ozone	O ₃	0-5 ppm	< 0.01 ppm	< 3 s (T90 < 120 s)
			0-100 ppm	< 0.01 ppm	< 3 s (T90 < 120 s)
18	Phosphine	PH ₃	0-20 ppm	0.01 ppm	< 3 s (T90 < 30 s)
			0-2000 ppm	0.1 ppm	< 3 s (T90 < 30 s)
19	Sulfur Dioxide	SO ₂	0-5 ppm	< 0.01 ppm	< 3 s (T90 < 60 s)
			0-50 ppm	0.1 ppm	< 3 s (T90 < 60 s)
			0-100 ppm	0.1 ppm	< 3 s (T90 < 60 s)
			0-1000 ppm	0.1 ppm	< 3 s (T90 < 60 s)
			0-2000 ppm	0.1 ppm	< 3 s (T90 < 60 s)

DGM10 Smart Double Gas Sensor Module

Item	Gas	Gas Formula	Range	Resolution	Response Time
20	Odor Gas	SMELL	0-5 ppm	0.01 ppm	< 3 s (T90 < 80 s)
			0-500 ppm	0.1 ppm	< 3 s (T90 < 80 s)
21	Volatile Organic Compounds	TVOC	0-10 ppm	0.01 ppm	< 3 s (T90 < 80 s)
			0-500 ppm	0.1 ppm	< 3 s (T90 < 80 s)
			0-2000 ppm	0.1 ppm	< 3 s (T90 < 80 s)

Note: 1) If there is a gas or range not to be found in the above list please contact us.
2) After taking a sensor out of the circuit board please follow the above "sensor position" to reinstall 1 measurement results.





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