

**Standard Catalytic Sensors
Gas Selection Table**

Alphabetic Order

Gas Name ↓	Formula	Gas Code	Standard Range	LEL %v/v
Ammonia	NH3	40	0-100%LEL	15
Butane	C4H10	05	0-100%LEL	1,5
L.P.G.	mix.	02	0-100%LEL	
Gasoline vapors	mix.	10	0-100%LEL	
General Explosive	HC	00	0-100%LEL	
Heptane	C7H16	42	0-100%LEL	1,1
Hydrogen	H2	27	0-100%LEL	4
Methane	CH4	01	0-100%LEL	5
Pentane	C5H12	03	0-100%LEL	1,4
Propane	CH3CH2CH3	04	0-100%LEL	2

Gas Code Order

Gas Name	Form.	Gas Code ↓	Standard Range	LEL %v/v
General Explosive	HC	00	0-100%LEL	
Methane	CH4	01	0-100%LEL	5
L.P.G.	mix.	02	0-100%LEL	
Pentane	C5H12	03	0-100%LEL	1,4
Propane	C3H8	04	0-100%LEL	2
Butane	C4H10	05	0-100%LEL	1,5
Gasoline vapors	mix.	10	0-100%LEL	
Hydrogen	H2	27	0-100%LEL	4
Ammonia	NH3	40	0-100%LEL	15
Heptane	C7H16	42	0-100%LEL	1,1

**MOS Semiconductor Sensors
Gas Selection Table**

Alphabetic Order

Gas Name ↓	Formula	Gas Code	Standard Range	LEL %v/v	Note
Ammonia	NH3	40	0-100ppm	15	Low Cross Sensitivity to CH4, CO, H2
Carbon Dioxide	CO2	79	0-10.000ppm	1,5	
Carbon Monoxide	CO	20	0-400ppm		
Ethanol	C2H5OH	46	0-1.000ppm		
Flammable gas	HC	00	0-10.000ppm		
Hydrogen	H2	27	0-1.000ppm	4	
Toluene	C7H8	47	0-1.000ppm	1,1	

**MOS Semiconductor Sensors
Gas Selection Table**

Gas Code Order

Gas Name	Formula	Gas Code ↓	Standard Range	LEL %v/v	Note
Flammable gas	HC	00	0-10.000ppm		
Carbon Monoxide	CO	20	0-400ppm		
Hydrogen	H2	27	0-1.000ppm	4	
Ammonia	NH3	40	0-100ppm	15	Low Cross Sensitivity to CH4, CO, H2
Ethanol	C2H5OH	46	0-1.000ppm		
Toluene	C7H8	47	0-1.000ppm	1,1	
Carbon Dioxide	CO2	79	0-10.000ppm	1,5	

**Infrared sensors
Gas Selection Table**

Alphabetic Order

Gas Name ↓	IR Ref.	Gas Code	Standard Range	LEL %v/v
Butane	HC	05	0-2% vol.	1,5
Ethane	HC	9R	0-3% vol.	2,5
Ethanol	HC	46	0-5% vol.	
Ethylene	HC	38	0-3% vol.	2,3
Ethylene Oxide	HC	39	0-3% vol.	2,6
Hexane	HC	56	0-1% vol.	1
Methane	HC	01	0-5% vol.	4,4
Methane	HC	01	0-100% vol.	4,4
Methyl Bromide	HC	90	0-25.000 ppm	10
Pentane	HC	03	0-2% vol.	1,4
Propane	HC	04	0-100% vol.	1,7
Propylene	HC	98	0-2% vol.	2,1

Gas Code Order

Gas Name	IR Ref.	Gas Code ↓	Standard Range	LEL %v/v
Methane	HC	01	0-5% vol.	4,4
Methane	HC	01	0-100% vol.	4,4
Pentane	HC	03	0-2% vol.	1,4
Propane	HC	04	0-100% vol.	1,7
Butane	HC	05	0-2% vol.	1,5
Ethylene	HC	38	0-3% vol.	2,3
Ethylene Oxide	HC	39	0-3% vol.	2,6
Ethanol	HC	46	0-5% vol.	
Hexane	HC	56	0-1% vol.	1
Propylene	HC	98	0-2% vol.	2,1
Methyl Bromide	HC	90	0-25.000 ppm	10
Ethane	HC	9R	0-3% vol.	2,5

Gas Name	IR Ref.	Gas Code	Standard Range	LEL %v/v	Resolution
Carbon Dioxide	CO2	79	0-500ppm		10 ppm from 0 to 250 ppm, then 20 ppm up to full scale
Carbon Dioxide	CO2	79	0-1000ppm		20 ppm from 0 to 500 ppm, then 40 ppm up to full scale
Carbon Dioxide	CO2	79	0-2000ppm		50 ppm from 0 to 1000 ppm, then 100 ppm up to full scale
Carbon Dioxide	CO2	79	0-5000ppm		50 ppm from 0 to 2500 ppm, then 100 ppm up to full scale
Carbon Dioxide	CO2	79	0-10.000ppm		100 ppm from 0 to 5000 ppm, then 200 ppm up to full scale
Carbon Dioxide	CO2	79	0-2% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-5% volume		0,025% vol from 0 to 2,5% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-10% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-20% volume		0,05% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-30% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-60% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-100% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale

Gas Name	IR Ref.	Gas Code	Standard Range	LEL %v/v	Resolution
Carbon Dioxide	CO2	79	0-500ppm		10 ppm from 0 to 250 ppm, then 20 ppm up to full scale
Carbon Dioxide	CO2	79	0-1000ppm		20 ppm from 0 to 500 ppm, then 40 ppm up to full scale
Carbon Dioxide	CO2	79	0-2000ppm		50 ppm from 0 to 1000 ppm, then 100 ppm up to full scale
Carbon Dioxide	CO2	79	0-5000ppm		50 ppm from 0 to 2500 ppm, then 100 ppm up to full scale
Carbon Dioxide	CO2	79	0-10.000ppm		100 ppm from 0 to 5000 ppm, then 200 ppm up to full scale
Carbon Dioxide	CO2	79	0-2% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-5% volume		0,025% vol from 0 to 2,5% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-10% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-20% volume		0,05% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-30% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-60% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale
Carbon Dioxide	CO2	79	0-100% volume		0,025% vol from 0 to 1% vol, then 0,05% vol up to full scale

