

AEROQUAL SENSORS

Gas	Sensor Code	Sensor Type	Sensor Range (ppm)	Minimum Detection Limit (ppm)	Accuracy of Factory Calibration	Resolution (ppm)	Response Time (s)	Operating Conditions		Compatible with Industrial Enclosure
								Temp	RH	
Ammonia (NH3)	NH	GSS	0-1000	2	<±5 ppm +15%	1	30	0-40-deg°C	10-90%	no
Ammonia (NH3)	ENG	GSE	0-100	0.2	<±0.5ppm + 10%	0.1	120	0-40-deg°C	15-90%	yes
Carbon Monoxide (CO)	ECM	GSE	0-25	0.05	<±0.5 ppm 0-5 ppm <±10% 5-25ppm	0.01	60	0-40-deg°C	15-90%	yes
Carbon Monoxide (CO)	ECN	GSE	0-100	0.2	<±1 ppm 0-10 ppm <±10% 10-100ppm	0.1	30	0-40-deg°C	15-90%	yes
Carbon Monoxide (CO)	CO	GSS	0-1000	1	<±2ppm + 15%	1	30	0-40-deg°C	10-95%	no
Carbon Dioxide (CO2)	CD	NDIR	0-2000	10	<±10ppm + 5%	1	120	0-40-deg°C	0-95%	no
Carbon Dioxide (CO2)	CE	NDIR	0-5000	20	<±20ppm + 5%	1	120	0-40-deg°C	0-95%	no
Chlorine (CL2)	ECL	GSE	0-10	0.01	<±0.02ppm + 10%	0.01	30	0-40-deg°C	15-90%	yes
Formaldehyde (CH2O)	EF	GSE	0-10	0.01	<±0.05 ppm 0-0.5 ppm <±10% 0.5-10ppm	0.01	120	0-40-deg°C	15-90%	yes
Hydrogen (H2)	HA	GSS	0-5000	5	<±10ppm + 10%	1	30	0-40-deg°C	10-95%	no
Methane (CH2)	MT	GSS	0-10,000	10	<±20ppm + 15%	1	60	0-40-deg°C	10-95%	yes
Hydrogen Sulfide (H2S)	EHS	GSE	0-10	0.04	<±0.05 ppm 0-0.5 ppm <±10% 0.5-10ppm	0.01	30	0-40-deg°C	15-90%	yes
Hydrogen Sulfide (H2S)	EHT	GSE	0-100	0.4	<±0.5 ppm 0-5 ppm <±10% 5-100ppm	0.1	30	0-40-deg°C	15-90%	no
Nitrogen Dioxide (NO2)	ENW	GSE	0-1	0.005	<±0.02 ppm 0-0.2 ppm <±10% 0.2-1 ppm	0.001	30	0-40-deg°C	15-90%	yes
NMHC	VN	GSS	0-25	0.1	<±0.1 ppm + 10%	0.1	60	0-40-deg°C	10-90%	no
Ozone (O3)	OZS	GSS	0-0.05	0.001	<±0.002 ppm	0.001	240	0-40-deg°C	10-90%	yes
Ozone (O3)	OZU	GSS	0-0.15	0.001	<±0.005 ppm	0.001	60	0-40-deg°C	10-90%	yes
Ozone (O3)	OZL	GSS	0-0.5	0.001	<±0.008 ppm 0-0.1 ppm <±10% 0.1-0.5 ppm	0.001	60	0-40-deg°C	10-90%	yes
Ozone (O3)	EOZ	GSE	0-10	0.01	<±0.01 ppm + 7.5%	0.01	60	0-40-deg°C	15-90%	yes
PMX Particulate Mater (PM1, PM2.5, PM4, PM10, TSP)	PMX	LPC	0-30.0 mg/m³	Zero stability ±0.1 µg/m³	<±8% of reading	±0.1 µg/m³	1	0-40-deg°C	0-90%	no
Particulate Matter (PM2.5 and PM10)	PM	LPC	0.001-1.000 mg/m³	0.001 mg/m³	±0.005 mg/m³ + 15%	0.001 mg/m³	5	0-40-deg°C	0-90%	no
Perchloethylene (C2Cl4)	PE	GSS	0-200	1	<±5 ppm 0-50 ppm <±10% 50-200 ppm	1	30	0-40-deg°C	10-90%	no
Sulfur Dioxide (SO2)	ESO	GSE	0-10	0.04	<±0.05 ppm 0-0.5 ppm <±10% 0.5-10ppm	0.01	60	0-40-deg°C	15-90%	no
Sulfur Dioxide (SO2)	ESP	GSE	0-100	0.4	<±0.5 ppm 0-5 ppm <±10% 5-100ppm	0.1	30	0-40-deg°C	15-90%	yes
VOC	VM	GSS	0-25	0.1	<±0.1 ppm + 10%	0.1	60	0-40-deg°C	10-90%	yes
VOC	VP	GSS	0-500	1	<±5ppm + 10%	1	30	0-40-deg°C	10-90%	no
VOC	VOC	PID	0-20	0.01	<±0.02ppm + 10%	0.01	30	0-40-deg°C	0-95%	yes
VOC	VOCH	PID	0-2000	0.1	<±0.2ppm + 10%	<1000ppm: 0.1 >1000ppm: 1	30	0-40-deg°C	0-95%	yes