



SemeaTech Product List

Series	Sensor Type	Product Name	Part Number	T90 (Sec)	Polarity	Bias (mV)	Range (ppm)	Max Overload (ppm)	Resolution (ppm)	Normal Sensi (uA/ppm)	Sensi.Min (u A/ppm)	Sensi.Max (uA/ppm)	R_Gain (Kohm)	Nominal Full Scale ΔV	Min Fs ΔV	Max Fs ΔV	Temperature	Humidity Range	Expected Operating Life	Warranty
CO		CO-50	051-1200-000	≤30	+	0	50	100	0.5	0.5000	0.4000	0.6000	33.20	0.830	0.664	0.996	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-100	051-1100-000	≤30	+	0	100	200	0.15	0.4500	0.3500	0.5500	18.20	0.819	0.637	1.001	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-500	051-0000-000	≤30	+	0	500	2000	1	0.0750	0.0550	0.0950	21.00	0.788	0.578	0.998	-40~50°C	15% ~ 95%RH	2 Years in air	24 months
		CO-500S	051-0400-000	≤15	+	0	500	2000	1	0.0750	0.0550	0.0950	21.00	0.788	0.578	0.998	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-1000	051-0500-000	≤30	+	0	1000	2000	1	0.0550	0.0400	0.0700	14.30	0.787	0.572	1.001	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-1000S	051-1600-000	≤15	+	0	1000	2000	1	0.0600	0.0450	0.0750	13.30	0.798	0.599	0.998	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-2000	051-0100-000	≤30	+	0	2000	5000	10	0.0280	0.0180	0.0380	13.30	0.745	0.479	1.011	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-5000	051-0900-000	≤30	+	0	5000	5000	10	0.0280	0.0180	0.0380	5.20	0.728	0.468	0.988	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-10000	051-0800-000	≤30	+	0	10000	10000	10	0.0175	0.0100	0.0250	4.02	0.704	0.402	1.005	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
	CO-20000	051-1000-000	≤30	+	0	20000	20000	10	0.0175	0.0100	0.0250	2.00	0.700	0.400	1.000	-40~50°C	15% ~ 95%RH	2 Years in air	12 months	
H2S		H2S-50	052-0400-000	≤25	+	0	50	100	0.1	1.2000	0.9500	1.4500	13.80	0.828	0.656	1.001	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-100	052-0000-000	≤30	+	0	100	500	0.1	0.8000	0.6000	1.0000	10.00	0.800	0.600	1.000	-40~50°C	15% ~ 95%RH	2 Years in air	24 months
		H2S-500	052-1500-000	≤30	+	0	500	1000	0.1	0.6500	0.5000	0.8000	2.50	0.813	0.625	1.000	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-1000	052-0100-000	≤45	+	0	1000	2000	1	0.0900	0.0500	0.1300	7.70	0.693	0.385	1.001	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-2000	052-0600-000	≤45	+	0	2000	2000	1	0.0900	0.0500	0.1300	3.80	0.684	0.380	0.988	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-5000	052-0700-000	≤45	+	0	5000	5000	1	0.0800	0.0600	0.1000	2.00	0.800	0.600	1.000	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
O2		O2-30%	053-0000-000	≤15	-	-600	0~30	30	0.3	100.0000	80.0000	120.0000	8.25	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	5 Years in air	36 months
H2		H2-1000	054-0000-000	≤70	+	0	1000	2000	10	0.0200	0.0100	0.0300	33.20	0.664	0.332	0.996	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2-2000	054-0400-000	≤70	+	0	2000	2000	10	0.0200	0.0100	0.0300	16.70	0.668	0.334	1.002	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2-40000	054-0100-000	≤60	+	0	40000	40000	80	0.0070	0.0050	0.0090	2.80	0.784	0.560	1.008	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
ETO		ETO-10	055-0000-000	≤120	+	300	10	100	0.1	1.9000	1.1000	2.7000	37.00	0.703	0.407	0.999	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		ETO-100	055-0100-000	≤120	+	300	100	100	1	0.2500	0.1250	0.3750	26.70	0.668	0.334	1.001	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		ETO-500	055-0200-000	≤120	+	300	500	1000	10	0.0580	0.0250	0.0910	22.00	0.638	0.275	1.001	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
SO2		SO2-5	056-0400-000	≤45	+	0	5	20	0.05	0.5500	0.4000	0.7000	287.00	0.789	0.574	1.005	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		SO2-20	056-0000-000	≤45	+	0	20	150	0.1	0.5000	0.4000	0.6000	82.50	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		SO2-100	056-0500-000	≤45	+	0	100	500	0.1	0.3700	0.3000	0.4400	22.60	0.836	0.678	0.994	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		SO2-2000	056-0100-000	≤60	+	0	2000	4000	5	0.0200	0.0120	0.0280	18.00	0.720	0.432	1.008	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
NO2		NO2-5AOF	057-0300-000	≤90	-	0	5	20	0.05	0.6500	0.4500	0.8500	235.00	0.764	0.529	0.999	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		NO2-20	057-0000-000	≤90	-	0	20	250	0.1	0.6000	0.4500	0.7500	66.00	0.792	0.594	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		NO2-2000	057-0100-000	≤60	-	0	2000	2000	5	0.0200	0.0100	0.0300	16.80	0.672	0.336	1.008	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
NO		NO-5	058-0300-000	≤30	+	300	5	20	0.025	1.0000	0.6000	1.4000	143.00	0.715	0.429	1.001	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		NO-250	058-0000-000	≤30	+	300	250	1000	0.5	0.4000	0.3000	0.5000	8.00	0.800	0.600	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		NO-2000	058-0100-000	≤60	+	300	2000	2000	1	0.1300	0.0700	0.1900	2.61	0.679	0.365	0.992	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
NH3		NH3-20	059-0900-000	≤90	+	0	20	100	0.3	0.1500	0.1150	0.1850	270.00	0.810	0.621	0.999	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-100	059-0000-000	≤90	+	0	100	100	0.5	0.1350	0.1000	0.1700	59.00	0.797	0.590	1.003	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-100S	059-1900-000	≤40	+	0	100	100	0.5	0.1350	0.1000	0.1700	59.00	0.797	0.590	1.003	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-100L	059-1000-000	≤90	+	0	100	100	0.5	0.1350	0.1000	0.1700	59.00	0.797	0.590	1.003	-40~40°C	15% ~ 95%RH	2 Years in air	24 months
		NH3-500	059-0500-000	≤90	+	0	500	500	1	0.0350	0.0200	0.0500	40.20	0.704	0.402	1.005	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-500S	059-2100-000	≤40	+	0	500	1000	2	0.0350	0.0200	0.0500	40.20	0.704	0.402	1.005	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-500L	059-1100-000	≤120	+	0	500	500	1	0.0350	0.0200	0.0500	40.20	0.704	0.402	1.005	-40~40°C	15% ~ 95%RH	2 Years in air	24 months
		NH3-1000	059-0100-000	≤90	+	0	1000	1000	2	0.0250	0.0170	0.0330	30.10	0.753	0.512	0.993	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-1000S	059-2200-000	≤40	+	0	1000	1000	2	0.0250	0.0170	0.0330	30.10	0.753	0.512	0.993	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-1000L	059-1300-000	≤120	+	0	1000	1000	2	0.0250	0.0170	0.0330	30.10	0.753	0.512	0.993	-20~40°C	15% ~ 95%RH	2 Years in air	24 months
		NH3-2000	059-0600-000	≤90	+	0	2000	2000	5	0.0080	0.0040	0.0120	42.00	0.672	0.336	1.008	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
PH3		PH3-5	060-0600-000	≤30	+	0	5	20	0.02	2.0000	1.4000	2.6000	76.80	0.768	0.538	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		PH3-20	060-0000-000	≤30	+	0	20	100	0.1	1.4000	0.8000	2.0000	25.00	0.700	0.400	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		PH3-1000	060-0100-000	≤60	+	0	1000	1000	1	0.0700	0.0300	0.1100	9.10	0.637	0.273	1.001	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		PH3-2000	060-0400-000	≤60	+	0	2000	2000	2	0.0500	0.0350	0.0650	7.68	0.768	0.538	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CIO2-1	061-0100-000	≤60	-	0	1	1	0.03	0.6500	0.3500	0.9500	1050.00	0.683	0.368	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
CIO2		CIO2-10	061-0400-000	≤60	-	0	10	10	0.05	0.6000	0.4000	0.8000	124.00	0.744	0.496	0.992	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CIO2-50	061-0000-000	≤60	-	0	50	50	0.05	0.4000	0.2200	0.5800	34.80	0.696	0.383	1.009	-20~50°C	15% ~ 95%RH	2 Years in air	12 months

Series	Sensor Type	Product Name	Part Number	T90 (Sec)	Polarity	Bias (mV)	Range (ppm)	Max Overload (ppm)	Resolution (ppm)	Normal Sensi (µA/ppm)	Sensi.Min (µA/ppm)	Sensi.Max (µA/ppm)	R_Gain (Kohm)	Nominal Full Scale ΔV	Min Fs ΔV	Max Fs ΔV	Temperature	Humidity Range	Expected Operating Life	Warranty
4S	CI2	CI2-10	062-0100-000	≤30	-	0	10	50	0.1	0.7500	0.6000	0.9000	110.00	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CI2-20	062-0600-000	≤30	-	0	20	50	0.1	0.5500	0.3500	0.7500	66.50	0.732	0.466	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CI2-50	062-0000-000	≤30	-	0	50	100	0.1	0.4500	0.2500	0.6500	30.90	0.695	0.386	1.004	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CI2-200	062-0200-000	≤30	-	0	200	200	0.1	0.1800	0.1300	0.2300	22.00	0.792	0.572	1.012	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CI2-1000	062-0500-000	≤30	-	0	1000	1000	0.1	0.1500	0.1200	0.1800	5.60	0.840	0.672	1.008	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	HCL	HCL-50	063-0000-000	≤70	+	200	50	100	1	0.3000	0.2000	0.4000	49.90	0.749	0.499	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		HCL-200	063-0200-000	≤60	+	200	200	400	1	0.0800	0.0500	0.1100	45.30	0.725	0.453	0.997	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	HCN	HCN-50	064-0000-000	≤120	+	0	50	100	0.2	0.1000	0.0800	0.1200	165.00	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	CH3SH	CH3SH-10	065-0000-000	≤60	+	0	10	20	0.1	0.7000	0.4500	0.9500	110.00	0.770	0.495	1.045	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	C2H3Cl	C2H3Cl-20	067-0200-000	≤60	+	300	20	50	1	0.5000	0.3000	0.7000	71.00	0.710	0.426	0.994	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		C2H3Cl-100	067-0000-000	≤120	+	300	100	100	1	0.1850	0.1000	0.2700	37.00	0.685	0.370	0.999	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	O3	O3-1	068-0400-000	≤45	-	0	1	10	0.02	2.0000	1.0500	2.9500	340.00	0.680	0.357	1.003	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		O3-10	068-0000-000	≤45	-	0	10	50	0.02	0.8500	0.6000	1.1000	90.00	0.765	0.540	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		O3-100	068-0100-000	≤45	-	0	100	200	0.03	0.5500	0.3500	0.7500	13.30	0.732	0.466	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		O3-1000	068-0800-000	≤60	-	0	1000	1000	0.3	0.1700	0.1400	0.2000	4.99	0.848	0.699	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	HF	HF-10	069-0000-000	≤120	-	0	10	50	0.5	0.3000	0.2000	0.4000	250.00	0.750	0.500	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		HF-100	069-0100-000	≤130	-	0	100	100	1	0.1500	0.1000	0.2000	49.90	0.749	0.499	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	CH2O	CH2O-10	072-0000-000	≤90	+	0	10	20	0.05	2.0000	1.0000	3.0000	33.00	0.660	0.330	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CH2O-50	072-0100-000	≤90	+	0	50	50	0.1	0.5500	0.4000	0.7000	28.70	0.789	0.574	1.005	-20~50°C	15% ~ 95%RH	2 Years in air	12 months

Series	Sensor Type	Product Name	Part Number	T90 (Sec)	Polarity	Bias (mV)	Range (ppm)	Max Overload (ppm)	Resolution (ppm)	Normal Sensi (µA/ppm)	Sensi.Min (µA/ppm)	Sensi.Max (µA/ppm)	R_Gain (Kohm)	Nominal Full Scale ΔV	Min Fs ΔV	Max Fs ΔV	Temperature	Humidity Range	Expected Operating Life	Warranty
7S	CO	CO-50	051-1300-000	≤30	+	0	50	100	0.5	0.4000	0.3000	0.5000	40.20	0.804	0.603	1.005	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-1000	051-0200-000	≤30	+	0	1000	2000	0.5	0.0850	0.0600	0.1100	9.10	0.774	0.546	1.001	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-2000	051-0600-000	≤30	+	0	2000	2000	0.5	0.1000	0.0800	0.1200	4.20	0.840	0.672	1.008	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		CO-10000	051-0700-000	≤30	+	0	10000	10000	0.5	0.0150	0.0110	0.0190	5.36	0.804	0.590	1.018	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
	H2S	H2S-50	052-0300-000	≤30	+	0	50	500	0.1	1.7000	1.4000	2.0000	10.00	0.850	0.700	1.000	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-100	052-0500-000	≤30	+	0	100	200	0.25	0.3700	0.3000	0.4400	22.60	0.836	0.678	0.994	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-200	052-0200-000	≤30	+	0	200	1000	0.25	0.3700	0.3000	0.4400	11.30	0.836	0.678	0.994	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-500	052-1300-000	≤30	+	0	500	1000	0.5	0.3700	0.3000	0.4400	4.53	0.838	0.680	0.997	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-1000	052-0800-000	≤50	+	0	1000	2000	2	0.1150	0.1000	0.1300	7.68	0.883	0.768	0.998	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-2000	052-0900-000	≤50	+	0	2000	2000	2	0.0975	0.0800	0.1150	4.32	0.842	0.691	0.994	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-5000	052-1100-000	≤60	+	0	5000	10000	8	0.0250	0.0190	0.0310	6.49	0.811	0.617	1.006	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2S-10000	052-1400-000	≤30	+	0	10000	10000	8	0.0250	0.0190	0.0310	3.24	0.810	0.616	1.004	-40~50°C	15% ~ 95%RH	2 Years in air	12 months
	H2	H2-1000	054-0200-000	≤50	+	0	1000	2000	10	0.0300	0.0200	0.0400	25.00	0.750	0.500	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		H2-10000	054-0300-000	≤110	+	0	10000	20000	10	0.0030	0.0020	0.0040	25.00	0.750	0.500	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	ETO	ETO-20	055-0400-000	≤120	+	300	20	100	0.1	2.2500	1.6000	2.9000	17.40	0.783	0.557	1.009	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		ETO-100	055-0300-000	≤120	+	300	100	100	1	0.2500	0.1250	0.3750	26.70	0.668	0.334	1.001	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	SO2	SO2-5	056-0600-000	≤30	+	0	5	20	0.05	0.5000	0.4000	0.6000	332.00	0.830	0.664	0.996	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		SO2-20	056-0700-000	≤45	+	0	20	150	0.2	0.4500	0.3500	0.5500	90.90	0.818	0.636	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		SO2-100	056-0200-000	≤70	+	0	100	200	0.2	0.3700	0.3000	0.4400	23.00	0.851	0.690	1.012	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		SO2-2000	056-0300-000	≤70	+	0	2000	2000	5	0.0230	0.0120	0.0340	14.70	0.676	0.353	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
NO2	NO2-5AOF	057-0400-000	≤90	-	0	5	20	0.05	0.6500	0.4500	0.8500	237.00	0.770	0.533	1.007	-20~50°C	15% ~ 95%RH	2 Years in air	12 months	
	NO2-20	057-0200-000	≤30	-	0	20	250	0.1	1.4000	1.1000	1.7000	29.40	0.823	0.647	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months	
	NO2-100	057-0500-000	≤30	-	0	100	1500	0.5	0.5500	0.4400	0.6600	15.00	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months	
NO	NO-5	058-0400-000	≤15	+	300	5	100	0.5	0.7000	0.6000	0.8000	250.00	0.875	0.750	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months	
	NO-100	058-0200-000	≤30	+	300	100	1500	0.5	0.5500	0.4400	0.6600	15.00	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months	



Series	Sensor Type	Product Name	Part Number	T90 (Sec)	Polarity	Bias (mV)	Range (ppm)	Max Overload (ppm)	Resolution (ppm)	Normal Sensi (µA/ppm)	Sensi.Min (µA/ppm)	Sensi.Max (µA/ppm)	R_Gain (Kohm)	Nominal Full Scale ΔV	Min Fs ΔV	Max Fs ΔV	Temperature	Humidity Range	Expected Operating Life	Warranty
7S	NH3	NH3-50	059-2600-000	≤60	+	0	50	100	0.1	0.1500	0.1200	0.1800	110.00	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-100	059-0200-000	≤60	+	0	100	100	0.1	0.1300	0.1000	0.1600	61.90	0.805	0.619	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-100S	059-2300-000	≤40	+	0	100	100	0.1	0.1300	0.1000	0.1600	61.90	0.805	0.619	0.990	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-200	059-0800-000	≤60	+	0	200	500	0.5	0.0900	0.0720	0.1080	46.40	0.835	0.668	1.002	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-200S	059-2800-000	≤45	+	0	200	500	0.5	0.0900	0.0720	0.1080	46.40	0.835	0.668	1.002	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-500	059-0400-000	≤60	+	0	500	1000	2	0.0350	0.0200	0.0500	40.20	0.704	0.402	1.005	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-500S	059-2400-000	≤45	+	0	500	1000	2	0.0350	0.0200	0.0500	40.20	0.704	0.402	1.005	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
		NH3-1000	059-0300-000	≤60	+	0	1000	1000	2	0.0250	0.0170	0.0330	30.10	0.753	0.512	0.993	-20~40°C	15% ~ 95%RH	2 Years in air	12 months
	NH3-1000S	059-2500-000	≤40	+	0	1000	1000	2	0.0250	0.0170	0.0330	30.10	0.753	0.512	0.993	-20~40°C	15% ~ 95%RH	2 Years in air	12 months	
	NH3-2000	059-0700-000	≤90	+	0	2000	2000	5	0.0080	0.0040	0.0120	42.20	0.675	0.338	1.013	-20~40°C	15% ~ 95%RH	2 Years in air	12 months	
	PH3	PH3-5	060-0300-000	≤30	+	0	5	20	0.1	2.0000	1.5000	2.5000	80.00	0.800	0.600	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		PH3-2000	060-0200-000	≤60	+	0	2000	2000	1	0.0700	0.0300	0.1100	4.53	0.634	0.272	0.997	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	ClO2	ClO2-1	061-0200-000	≤60	-	0	1	10	0.02	0.8000	0.6000	1.0000	1000.00	0.800	0.600	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		ClO2-20	061-0300-000	≤60	-	0	20	50	0.1	0.7000	0.5000	0.9000	56.00	0.784	0.560	1.008	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	Cl2	Cl2-20	062-0300-000	≤45	-	0	20	50	0.1	1.0000	0.7500	1.2500	40.20	0.804	0.603	1.005	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	HCl	HCl-50	063-0100-000	≤70	+	200	50	100	1	0.4500	0.3000	0.6000	33.00	0.743	0.495	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		HCl-100	063-0300-000	≤70	+	200	100	200	1	0.3000	0.2000	0.4000	25.00	0.750	0.500	1.000	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	HCN	HCN-50	064-0100-000	≤120	+	0	50	100	0.2	0.1000	0.0800	0.1200	165.00	0.825	0.660	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	CH3SH	CH3SH-10	065-0100-000	≤60	+	0	10	20	0.5	0.7500	0.5500	0.9500	105.00	0.788	0.578	0.998	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	C2H3Cl	C2H3Cl-50	067-0300-000	≤120	+	300	50	50	1	0.4000	0.2000	0.6000	33.00	0.660	0.330	0.990	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		C2H3Cl-100	067-0100-000	≤120	+	300	100	100	1	0.1850	0.1000	0.2700	37.40	0.692	0.374	1.010	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	O3	O3-1	068-0300-000	≤45	-	0	1	10	0.02	2.0000	1.0500	2.9500	340.00	0.680	0.357	1.003	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		O3-20	068-0200-000	≤45	-	0	20	50	0.02	1.0000	0.7500	1.2500	40.20	0.804	0.603	1.005	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	HF	HF-10	069-0300-000	≤120	-	0	10	100	0.5	0.4000	0.3000	0.5000	200.00	0.800	0.600	1.000	20~50°C	15% ~ 95%RH	2 Years in air	12 months
		HF-50	069-0200-000	≤120	-	0	50	100	0.5	0.3000	0.2000	0.4000	49.90	0.749	0.499	0.998	20~50°C	15% ~ 95%RH	2 Years in air	12 months
	CH2O	CH2O-10	072-0200-000	≤90	+	0	10	50	0.05	2.0000	1.0000	3.0000	33.20	0.664	0.332	0.996	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
		CH2O-50	072-0300-000	≤90	+	0	50	50	0.1	0.5500	0.4000	0.7000	28.70	0.789	0.574	1.005	-20~50°C	15% ~ 95%RH	2 Years in air	12 months

Series	Sensor Type	Product Name	Part Number	T90 (Sec)	Polarity	Bias (mV)	Range (ppm)	Max Overload (ppm)	Resolution (ppm)	Normal Sensi (µA/ppm)	Sensi.Min (µA/ppm)	Sensi.Max (µA/ppm)	R_Gain (Kohm)	Nominal Full Scale ΔV	Min Fs ΔV	Max Fs ΔV	Temperature	Humidity Range	Expected Operating Life	Warranty
3S	CO	CO-10000	051-3000-000	≤30	+	0	10000	20000	1	0.0300	0.0240	0.0360	2.80	0.840	0.672	1.008	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	SO2	SO2-2000	056-3000-000	≤35	+	0	2000	5000	1	0.1000	0.0800	0.1200	4.22	0.844	0.675	1.013	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	NO2	NO2-500	057-3000-000	≤35	-	0	500	1000	0.5	0.3700	0.3000	0.4400	4.53	0.838	0.680	0.997	-20~50°C	15% ~ 95%RH	2 Years in air	12 months
	NO	NO-2000	058-3000-000	≤25	+	300	2000	5000	1	0.1000	0.0800	0.1200	4.22	0.844	0.675	1.013	-20~50°C	15% ~ 95%RH	2 Years in air	12 months