

GRAYWOLF SPECIFICATIONS



DirectSense Electrochemical Gas Sensor Summary

SENSOR	RES (ppm)	RANGE	LOD (ppm)	SENSOR DRIFT	T ₉₀ RESPONSE	RECCO'D CAL REQUENCY	EXPECTED LIFE (Min)
Ammonia (NH3) Standard Range	0.1	0.0 to 100.0	1	5%/6 months	<60s	12 months	24 months*
Ammonia (NH3) High Range	1	0 to 1000	12	10%/6 months	<90s	6 months	24 months*
Arsine (AsH3)	0.01	0.00 to 1.00	0.02	5%/6 months	<30s	12 months	18 months
Carbon monoxide (CO combo w/H2S sensor)	0.1	0.0 to 500.0	1	5%/year	<35s	12 months	36 months
Carbon monoxide (CO solo)	0.1	0.0 to 750.0	0.5	3%/year	<25s	12 months	24 months
Chlorine (Cl2)	0.01	0.00 to 10.00	0.02	4%/month	<40s	6 months	24 months
Chlorine dioxide (ClO2)	0.01	0.00 to 1.00	0.02	5%/6 months	<120s	12 months	24 months
Diborane (B2H6)	0.01	0.00 to 1.00	0.02	5%/6 months	<30s	6 months	18 months
Ethylene oxide (EtO)	0.1	0.00 to 20.0	0.3	5%/year	<120s	12 months	24 months
Fluorine (F2)	0.01	0.00 to 1.00	0.02	5%/month	<80s	4 months	18 months
Hydrogen (H2)	1	1 to 1000	2	2%/month	<90s	6 months	24 months
Hydrogen chloride (HCl)	0.1	0.0 to 30.0	0.5	3%/month	<70s	6 months	24 months
Hydrogen cyanide (HCN)	0.1	0.1 to 100.0	0.2	5%/month	<50s	4 months	24 months
Hydrogen fluoride (HF)	0.1	0.00 to 10.0	0.1	10%/6 months	<90s	12 months	18 months
Hydrogen sulfide (H2S combo w/CO sensor)	0.1	0.1 to 80.0	0.5	5%/year	<35s	12 months	36 months
Hydrogen sulfide (H2S solo)	0.01	0.00 to 50.0	<0.03	4%/yr	<25s	12 month	24 months
Nitric oxide	0.1	0.00 to 140.0	0.2	1%/month	<20s	6 months	24 months
Nitrogen dioxide (NO2)	0.01	0.00 to 30.0	0.02	4%/month	<40s	6 months	24 months
Ozone (O3)	0.01	0.00 to 1.0	0.02	10%/6 months	<60s	12 months	18 months
Phosgene (CCl2O)	0.01	0.00 to 1.0	0.02	5%/6 months	<120s	12 months	12 months
Phosphine (PH3)	0.01	0.00 to 5.0	0.05	2%/month	<60s	6 months	24 months
Silane (SiH4)	0.01	0.01 to 50.0	0.05	5%/6 months	<60s	12 months	18 months
Sulfur dioxide (SO2)	0.1	0.0 to 30.0	0.1	2%/month	<25s	6 months	24 months
	%		%				
Oxygen (O2)	0.1	0 to 25%	0.2	1%/3 months	<15s	12 months	24 months

*NH3 is a consumptive sensor. Sensor life assumes use in air.
All specifications are subject to change without further notice.

GRAYWOLF SENSING SOLUTIONS

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