Sensor being used

Some sensors are available in more than one range like the silane sensor.

When you expose the gas below to the sensor being used the concentration displayed will be the Current TLV value. i.e 1.8ppm AsH3 = 5ppm on SiH4 sensor

An * advises you the response is negative. Meaning that NO2 will make the silane sensor read negative by 5ppm when exposed to 5.5ppm of NO2. PS7 will not show negative value but if you have a silane leak at the same time as NO2 you have a negative 5.5ppm off set. i.e 5ppm of Silane present at same time as 5.5ppm of NO2 reading will be 0.0ppm

Steady state means you can not have rapid changes in tamp or humidity within the range below. Rapid changes in temp or humidity will cause sensor to become unstable.

Type of Sensor- They are all electrochemical on this list

Current TLV

Gas	Detection Principle	Detection range	TLV / COSMOS standard alarm set point	Gas concentration to reach TLV / COSMOS standard alarm set point				Operating condition	
								Temperature	Humidity
SiH4 (CH3SiH3, (CH3)2SiH2)	Electrochemical	0-5 / 0-25pppm	5 ppm	H2	No interference at 2.0vol%	H2Se	5.5ppm	-5 ~ 40°C (Steady state)	30 ~ 85%RH (Steady state)
				Et-OH	Indicates 2.0ppm at 6.5vol%	HCl	No interference at 10ppm		
				IPA	Indicates 1.8ppm at 1.6vol%	NO	300.0ppm		
				AsH3	1.8ppm	NO2	5.5ppm*		
				B2H6	2.0ppm	PH3	1.2ppm		
				Cl2	21.0ppm*	Si2H6	4.9ppm		
				GeH4	6.0ppm	SiH2Cl2	33.0ppm		
				H2S	14.0ppm	SO2	37.0ppm		
				(CH3)3SiH	40.0ppm	CO	No interference at 2000ppm		
				(CH3)4Si	No interference at 10ppm	F2	14.0ppm*		
				CH3SiH3	5.5ppm	H2O2	No interference at 20ppm		
				O3	4.2ppm*	HT70	No interference at 6.0vol%		

INTERFERENCE GASES TABLE REV 12 12-04-17

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Gas	Detection Principle	Detection range	TLV / COSMOS standard alarm set point	Gas concentration to reach TLV / COSMOS standard alarm set point				Operating condition	
								Temperature	Humidity
SiH4 (CH3SiH3, (CH3)2SiH2)	Electrochemical	0-5 / 0-25pppm	5 ppm	H2	No interference at 2.0vol%	H2Se	5.5ppm	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				Et-OH	Indicates 2.0ppm at 6.5vol%	HCl	No interference at 10ppm		
				IPA	Indicates 1.8ppm at 1.6vol%	NO	300.0ppm		
				AsH3	1.8ppm	NO2	5.5ppm*		
				B2H6	2.0ppm	PH3	1.2ppm		
				Cl2	21.0ppm*	Si2H6	4.9ppm		
				GeH4	6.0ppm	SiH2Cl2	33.0ppm		
				H2S	14.0ppm	SO2	37.0ppm		
				(CH3)3SiH	40.0ppm	CO	No interference at 2000ppm		
				(CH3)4Si	No interference at 10ppm	F2	14.0ppm*		
				CH3SiH3	5.5ppm	H2O2	No interference at 20ppm		
				O3	4.2ppm*	HT70	No interference at 6.0vol%		
AsH3	Electrochemical	0 - 250ppb	50 ppb (TLV : 5 ppb)	B2H6	100 ppb	R32(CH2F2)	No interference at 3.0vol%	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				GeH4	350 ppb	C5F8	Indicates 3ppb at 30ppm		
				H2Se	60 ppb	C2H5OH	No interference at 1.0vol%		
				PH3	50 ppb	H2O2	2.1 ppm		
				Si2H6	430 ppb	IPA	No interference at 1.0vol%		
				SiH4	460 ppb	CO	Indicates 70ppb at 5vol%		
				SiH2Cl2	250 ppb	NO	6.0 ppm		
				SF6	No interference at 3.0vol%	NO2	2.0 ppm*		
				Cl2	0.31 ppm*	O3	1.2 ppm*		
				F2	0.55 ppm*	SO2	0.50 ppm		
				HCl	0.30 ppm	CH4	No interference at 3.0vol%		
				R116(C2F6)	No interference at 3.0vol%	H2	1.9 vol%		
				R14(CF4)	No interference at 3.0vol%	TEOS	No interference at 25ppm		
				R23(CHF3)	No interference at 3.0vol%				

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Gas	Detection Principle	Detection range	TLV / COSMOS standard alarm set point	Gas concentration to reach TLV / COSMOS standard alarm set point				Operating condition	
								Temperature	Humidity
PH3	Electrochemical	0 - 1 ppm	0.3 ppm	H2	No interference at 2.0vol%	H2Se	1.0ppm	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				Et-OH	Indicates 0.3ppm at 6.1vol%	HCl	No interference at 240ppm		
				IPA	Indicates 0.03ppm at 4.6vol%	NO	No interference at 93ppm		
				AsH3	0.3pppm	NO2	1.4ppm*		
				B2H6	0.8ppm	O3	0.6ppm		
				Cl2	3.4ppm*	Si2H6	1.1ppm		
				GeH4	2.4ppm	SiH4	2.0ppm		
				H2S	2.0ppm	SO2	17.0ppm		
				CO	No interference at 1000ppm	HF	3.0ppm		
				F2	3.4ppm*	H2O2	No interference at 20ppm		
				HFE-7100	No interference at 3.0vol%	HT70	No interference at 6.0vol%		
HF (SiF4, AsF3, AsF5, PF5, BF3, SF4, WF6, MoF6, GeF4)	Electrochemical	0 - 2.5 ppm	Responses based on 2.5ppm. TLV is now 0.5 ppm	H2	No interference at 2.0vol%	H2Se	1.8ppm*	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				Et-OH	Indicates 0.06ppm at 1.0vol%	HCl	3.0ppm		
				IPA	Indicates 0.12ppm at 1.0vol%	NO	No interference at 5.0ppm		
				AsH3	No interference at 0.25ppm	NO2	8.1ppm		
				B2H6	28.0ppm*	PH3	No interference at 0.5ppm		
				Cl2	1.2ppm	Si2H6	650ppm*		
				GeH4	No interference at 1.0ppm	SiH2Cl2	2.0ppm		
				H2S	2.1ppm*	SO2	2.7ppm		
				Br2	1.6ppm	H2O2	Indicates 5.8ppm at 20ppm		
				C3H6O	Indicates 0.03ppm at 1.0vol%	NH3	1100ppm*		
				CH3OH	Indicates 0.02ppm at 1.0vol%	O3	2.3ppm		
				CO	No interference at 1000ppm	SiH4	No interference at 10ppm		
				F2	0.8ppm	HBr	5.0 ppm		
B2H6	Electrochemical	0 - 500 ppb	0.1 ppm	H2	50.0vol%	H2Se	40.0ppb	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				Et-OH	6.0vol%	HCl	10ppm*		
				IPA	2.0vol%	NO	500ppm*		
				AsH3	No interference at 0.25ppm	NO2	0.37ppm*		
				Cl2	0.05ppm*	O3	0.7ppm*		
				GeH4	No interference at 1.0ppm	PH3	No interference at 0.5ppm		
				H2S	0.48ppm	Si2H6	7.5ppm		
				CO	5.0vol%	SiH2Cl2	2.5ppm		
				SO2	2.3ppm	SiH4	No interference at 10ppm		

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Gas	Detection Principle	Detection range	TLV / COSMOS standard alarm set point	Gas concentration to reach TLV / COSMOS standard alarm set point				Operating condition	
								Temperature	Humidity
HCl (SiHCl3, SiCl4, AsCl3, PCl3, POCl3, BCl3, SnCl4)	Electrochemical	0-5 / 0-25pppm	C 2 ppm	H2 Et-OH IPA AsH3 B2H6 Cl2 CO	No interference at 1000ppm No interference at 1.0vol% No interference at 1.0vol% 10.0ppm 75ppm No interference at 3.6ppm No interference at 1000ppm	H2S NO2 SO2 HBr H2O2 HT70 SiH2Cl2	3.0ppm 5.0ppm* No interference at 10ppm 3.6ppm No interference at 20ppm No interference at 6.0vol% 6ppm	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
Cl2	Electrochemical	0 - 5 ppm	0.5 ppm	H2 Et-OH IPA AsH3 B2H6 Br2 HF	No interference at 1.0vol% No interference at 1.0vol% No interference at 1.0vol% No interference at 0.25ppm 43ppm* 0.75ppm 29ppm	NO2 O3 PH3 SiH4 H2O2 HT70 F2	10.0ppm 4.7ppm No interference at 0.5ppm No interference at 0.5ppm No interference at 20ppm No interference at 6.0vol% 0.6ppm	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
O3	Electrochemical	0 - 1 ppm	0.1 ppm	H2 Et-OH IPA AsH3 B2H6 Br2	No interference at 1.0vol% No interference at 1.0vol% No interference at 1.0vol% No interference at 0.25ppm 4.6ppm* 0.02ppm	Cl2 PH3 SiH4	0.01ppm No interference at 0.5ppm No interference at 10ppm	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
NH3	Electrochemical	0 - 100 ppm	25 ppm	H2 Et-OH CH3OH AsH3 Cl2 CO H2S HFE-7100	Indicates 0.21ppm at 2.0vol% Indicates 1.6ppm at 1.0vol% No interference at 1.0vol% No interference at 0.25ppm No interference at 1.0vol% 9.6vol% 23ppm No interference at 3.0vol%	HF NO NO2 PH3 SiH4 SO2 H2O2 HT-70	No interference at 3.0ppm 250ppm 250ppm No interference at 0.5ppm No interference at 10ppm 23ppm No interference at 20ppm No interference at 6.0vol%	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)

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								Temperature	Humidity
GeH4	Electrochemical	0 - 1 ppm	0.2 ppm	H2	8600ppm	B2H6	58ppb	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				Et-OH	No interference at 1.0vol%	NO	4.9ppm		
				IPA	No interference at 1.0vol%	NO2	1.9ppm*		
				AsH3	28ppb	PH3	28ppb		
				Cl2	200ppb*	SiH4	260ppb		
				CH4	No interference at 3.0vol%	SO2	790ppb		
				H2Se	36ppb	H2O2	420ppb		
				TEOS	No interference at 25ppm	HCl	220ppb		
CO	Electrochemical	0 - 250 ppm	25 ppm	H2	1300ppm	SiH2Cl2	Indicates 10ppm at 2000ppm	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				Et-OH	No interference at 100ppm	NO	5ppm		
				IPA	No interference at 1.4vol%	NO2	No interference at 0.5ppm		
				C2H2	No interference at 50ppm	PH3	Indicates 10ppm at 45ppm		
				Ar	No interference at 3000ppm	SiH4	25ppm		
				CO2	No interference at 2.0vol%	SO2	2ppm		
				H2S	No interference at 1ppm	CH4	No interference at 3.0vol%		
				TEOS	No interference at 25ppm	C3H8	No interference at 1000ppm		
H2Se	Electrochemical	0 - 250 ppb	50 ppb	H2	1.55 vol%	SiH2Cl2	0.2ppm	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				CO	1.4 vol%	AsH3	0.04ppm		
				IPA	No interference at 1.0 vol%	GeH4	0.28ppm		
				NO	95ppm	PH3	0.04ppm		
				NO2	0.092ppm*	SiH4	0.37ppm		
				SO2	4.8ppm	Si2H6	0.34ppm		
				CH3SH	0.05ppm	B2H6	0.08ppm		
				H2O2	0.37ppm	F2	0.48ppm*		
				Et-OH	No interference at 1.0 vol%	HCl	0.33ppm		
				O3	0.092ppm*	H2S	0.027ppm		

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								Temperature	Humidity
H2S	Electrochemical	0 - 50 ppm	10 ppm	H2	10.0 vol%	HF	1.37 vol%	-5 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				CO	3000ppm	AsH3	36ppm		
				C2H2	4.0 vol%	I-C4H10	Indicate 1ppm at 100 vol%		
				NO	600ppm	PH3	30ppm		
				NO2	50ppm*	SiH4	180ppm		
				SO2	100ppm	Cl2	70ppm*		
				CH3SH	20ppm	B2H6	110ppm		
				(CH3)2S	60ppm	NH3	No interference at 30ppm		
				Et-OH	0.6 vol%	CO2	No interference at 1 vol%		
				CH3OH	1.3 vol%	C2H4	10 vol%		
				C3H8	Indicate 1ppm at 13 vol%	CH4	No interference at 1 vol%		
				C3H6O	No interference at 100ppm	C2H5SH	13ppm		
				C6H4(CH3)2	No interference at 100ppm	HCN	4900ppm		
				C6H5CH3	No interference at 100ppm	(CH3S)2	30ppm		
				C6H6	No interference at 100ppm				
F2	Electrochemical	0 - 5 ppm	1 ppm	H2	3.4 vol%*	HF	No interference at 100ppm	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				CO	3200ppm*	AsH3	0.62ppm*		
				C2F6(R116)	No interference at 3.0 vol%	ClF3	1.3ppm		
				NO	290ppm	PH3	0.38ppm*		
				NO2	3.0ppm	SiH4	91ppm*		
				SO2	450ppm*	Cl2	2.0ppm		
				CH3SH	30ppm*	B2H6	7.0ppm*		
				H2S	3.2ppm*	SiH2Cl2	Indicate 0.35ppm* at 1ppm		
				Et-OH	No interference at 20℃ S.V.	HCl	87ppm*		
				IPA	No interference at 25℃ S.V.	O3	2.0ppm		
				TEOS	No interference at 25ppm	CH4	No interference at 3 vol%		
				C3H6O	No interference at 20℃ S.V.	CF4(R14)	No interference at 3 vol%		
				CHCl=CCl2	No interference at 20℃ S.V.	CHF3(R23)	No interference at 3 vol%		
				C5F8	No interference at 30ppm	CH2F2(R32)	No interference at 3 vol%		
				SF6	No interference at 3.0 vol%	HCN	290ppm		
				Br2	6.0ppm				

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Gas	Detection Principle	Detection range	TLV / COSMOS standard alarm set point	Gas concentration to reach TLV / COSMOS standard alarm set point				Operating condition	
								Temperature	Humidity
NF3	Electrochemical (w/pyrolyzer)	0 - 100 ppm	10 ppm	H2	2600ppm*	SiH2Cl2	Indicates -2ppm at 0.1ppm	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				CO	Indicates -4ppm at 100ppm	AsH3	No interference at 0.25ppm		
				IPA	No interference at 4000ppm	GeH4	No interference at 1ppm		
				C5F8	No interference at 30ppm	PH3	Indicates -5ppm at 0.01ppm		
				HF	No interference at 4ppm	SiH4	6.8ppm*		
				SF6	No interference at 3.0vol%	Si2H6	No interference at 2.5ppm		
				NH3	52ppm	B2H6	No interference at 0.5ppm		
				TEOS	No interference at 25ppm	CH4	No interference at 3.0vol%		
				H2Se	No interference at 0.25ppm	CHF3	No interference at 3.0vol%		
				CH2F2	No interference at 3.0vol%	C2F6	No interference at 3.0vol%		
				CF4	No interference at 3.0vol%				
HBr	Electrochemical	0 - 10 ppm	C 2 ppm	AsH3	3.7 ppm	R116(C2F6)	No interference at 3.0vol%	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				GeH4	15 ppm	NH3	No interference at 50ppm		
				Si2H6	15 ppm	IPA	No interference at 1.0vol%		
				B2H6	28 ppm	C2H5OH	No interference at 1.0vol%		
				H2Se	1.5 ppm	CO	No interference at 1000ppm		
				PH3	0.7 ppm	NO2	1.9 ppm*		
				SiH4	28 ppm	SO2	No interference at 10ppm		
				SiH2Cl2	1 ppm	i-C4H10	No interference at 1.0vol%		
				HF	No interference at 5ppm	C3H8	No interference at 1.0vol%		
				F2	7.4 ppm*	CH4	No interference at 1.0vol%		
				HCl	1.9 ppm	H2	No interference at 1000ppm		
				Cl2	8.2 ppm*	CH3H60	No interference at 3.0vol%		
				Br2	22 ppm*	C6H4(CH3)2	No interference at 3.0vol%		
				R32(CH2F2)	No interference at 3.0vol%	C6H5CH3	No interference at 3.0vol%		
				R14(CF4)	No interference at 3.0vol%	H2S	1.1 ppm		
				R23(CHF3)	No interference at 3.0vol%				
NO	Electrochemical	0-10/0-100 ppm	25ppm	PH3	Indicates 11ppm at 10ppm	SiH4	Indicates 2ppm at 20ppm	-5 ~ 40 (Steady state)	30 ~ 85%RH (Steady state)
				SiH2Cl2	Indicates 7ppm at 20ppm	SF6	No interference at 3.0vol%		
				C5F8	No interference at 30ppm	R32(CH2F2)	No interference at 3.0vol%		
				R14(CF4)	No interference at 3.0vol%	R23(CHF3)	No interference at 3.0vol%		
				R116(C2F6)	No interference at 3.0vol%	IPA	No interference at 1.0vol%		
				C2H5OH	No interference at 3.5vol%	CO	10vol%		
				NO2	630ppm	SO2	950ppm		
				CH4	No interference at 3.0vol%	H2	No interference at 4.0vol%		
				TEOS	No interference at 25ppm	H2S	60ppm		

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								Temperature	Humidity
NO2	Electrochemical	0 - 10 ppm	3 ppm	AsH3	0.68 ppm*	Cl2	6.9 ppm	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				GeH4	5.0 ppm*	IPA	Indicate 1.2ppm at 4.58vol%		
				Si2H6	2.3 ppm*	Et-OH	Indicate 1.8ppm at 6.16vol%		
				B2H6	1.8 ppm*	O3	1.3 ppm		
				H2Se	2.1 ppm*	CO	No interference at 2,000ppm		
				PH3	0.62 ppm*	NO	No interference at 92.8ppm		
				SiH4	4.2 ppm*	SO2	35 ppm*		
				F2	7.0 ppm	H2	No interference at 2.0vol%		
				HCl	480 ppm*	H2S	4.2 ppm*		
ClF3	Electrochemical	0 - 1 ppm	C 0.1 ppm	AsH3	0.048 ppm*	IPA	No interference at 1.4vol%	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				B2H6	0.55 ppm*	Et-OH	No interference at 3.5vol%		
				PH3	0.03 ppm*	H2O2	10 ppm		
				SiH4	7.4 ppm*	O3	0.18 ppm		
				SiH2Cl2	Indicate -0.06ppm at 0.2ppm	CO	260 ppm*		
				SF6	No interference at 3vol%	NO	29 ppm		
				HF	40 ppm	NO2	0.85 ppm		
				HCl	7.0 ppm*	SO2	36 ppm*		
				Cl2	0.16 ppm	CH4	No interference at 3.0vol%		
				Br2	0.37 ppm	H2	2,700ppm*		
				C5F8	No interference at 30ppm	TEOS	No interference at 25ppm		
				R32(CH2F2)	No interference at 3.0vol%	HCN	23 ppm		
				R14(CF4)	No interference at 3.0vol%	CH3SH	2.4 ppm*		
				R23(CHF3)	No interference at 3.0vol%	H2S	0.26ppm*		
				R116(C2F6)	No interference at 3.0vol%				
SiH2Cl2	Electrochemical	0 - 25 ppm	5 ppm (TLV : N/A)	AsH3	1.0 ppm	R14(CF4)	No interference at 3.0vol%	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				GeH4	7.0 ppm	R23(CHF3)	No interference at 3.0vol%		
				Si2H6	8.5 ppm	R116(C2F6)	No interference at 3.0vol%		
				B2H6	2.0 ppm	IPA	No interference at 1.0vol%		
				H2Se	1.3 ppm	Et-OH	No interference at 3.5vol%		
				PH3	1.0 ppm	H2O2	27 ppm		
				SiH4	9.0 ppm	CO	Indicate 1.0ppm at 5.0vol%		
				SF6	No interference at 3.0vol%	NO	4.0 ppm		
				F2	9.0 ppm*	NO2	320 ppm		
				HCl	16 ppm	CH4	No interference at 3.0vol%		
				C5F8	No interference at 30 ppm	H2	90vol%		
				R32(CH2F2)	No interference at 3.0vol%	TEOS	No interference at 25ppm		

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								Temperature	Humidity
PF3	Electrochemical	0 - 10 ppm	3 ppm (TLV : 2.5mg/m3 TWA as F)	AsH3 GeH4 Si2H6 B2H6 PH3	0.08 ppm 0.6 ppm 0.72 ppm 0.18 ppm 0.08 ppm	SiH4 SiH2Cl2 IPA H2 C6H6	1.2 ppm 0.2 ppm 6,000ppm 3.6vol% 3.6vol%	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
SO2	Electrochemical	0 - 10 ppm	2 ppm	PH3 SiH4 SiH2Cl2 SF6 HF HCl Cl2 C5F8 R32(CH2F2) R14(CF4) R23(CHF3) R116(C2F6) NH3	Indicate 6.7ppm at 1ppm Indicate 4.1ppm at 2ppm Indicate 2.5ppm at 2ppm No interference at 3vol% No interference at 10ppm No interference at 25ppm 3.3ppm* No interference at 30ppm No interference at 3vol% No interference at 3vol% No interference at 3vol% No interference at 3.0vol% No interference at 100ppm	IPA Et-OH CH3OH CO NO CO2 NO2 C2H2 CH4 H2 TEOS C3H6O H2S	100ppm 90ppm 90ppm 14ppm No interference at 250ppm No interference at 10vol% 1.6ppm* 80ppm No interference at 3.0vol% 70ppm* Indicate 5.5ppm at 5ppm No interference at 1000ppm 0.7ppm*	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
(CH3)2NH	Electrochemical	0 - 25 ppm	5 ppm	NH3 CO H2 H2S NO NO2 SO2 C2H5OH C3H8O Cl2 H2O2 O3	5ppm* No interference at 1000ppm No interference at 2vol% 100ppm* 750ppm* 510ppm* 15ppm* No interference at 1vol% 10vol%* -100ppm* 1.4vol%* 60ppm*	(CH3)3N (C2H5)2NH	5ppm 8ppm*	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)

INTERFERENCE GASES TABLE REV 12 12-04-17

Remarks: 1)TLV (from ACGIH2007 version TLV Table) TLV-TWA (time-weight average). C-mark indicates TLV-C.
2)Table shows the cross sensitivity (the sensitivity to the other gases than target gas)
3)The values are typical and may differ from sensor to sensor, as well as with difference in humidity or temperature.
4)The table does not cover all the interference gases.

* Negative Indication
** S.V. = Saturated Vapor

Gas	Detection Principle	Detection range	TLV / COSMOS standard alarm set point	Gas concentration to reach TLV / COSMOS standard alarm set point				Operating condition	
								Temperature	Humidity
Si2H6	Electrochemical	0 - 25 ppm	5 ppm	AsH3	0.60ppm	R32 (CH2F2)	No interference at 3vol%	0 ~ 40℃ (Steady state)	30 ~ 85%RH (Steady state)
				B2H6	1.2ppm	R23(CHF3)	No interference at 3vol%		
				GeH4	4.1ppm	C2H5OH	No interference at 1vol%		
				H2Se	0.75ppm	H2O2	23ppm		
				PH3	0.60ppm	HFE7100	No interference at 3vol%		
				SiH4	5.5ppm	HFE7200	Indicate 2.0ppm at 2vol%		
				SiH2Cl2	3.0ppm	HT70	No interference at 3vol%		
				SF6	No interference at 3vol%	IPA	No interference at 1vol%		
				HCl	7.5ppm	CO	Indicate 0.5ppm at 5vol%		
				C5F8	No interference at 30ppm	NO	Indicate 26ppm at 9ppm		
				R116 (C2F6)	No interference at 3vol%	NO2	No interference at 1.4ppm		
				R14(CF4)	No interference at 3vol%	O3	Indicate 1.6ppm* at 0.6ppm		
				CH4	No interference at 3vol%	SO2	Indicate 3.0ppm at 5ppm.		
				H2	No interference at 2vol%	H2S	Indicate 78ppm at 10ppm. (Over full scale)		