

Gas- and Sensor Overview

Gasname	Chemical Symbol	Sensor	Order Code	Measurement range from 0 to	Min. Measurement range from 0 to	Max. Measurement range from 0 to	Resolution of digital display	obtain tech. Data	Warming-up time 4-times measuring error	sensorstation	Lower detection limit	Capture Range	Reproducibility
Oxygen	O2	PS II / XS / XS R O2	68 09 030 / 68 09 130 / 68 10 26	25 Vol.-%	25 Vol.-%	25 Vol %	0,1 Vol%	1 hour	max. 10 minutes	< 10 minutes	0,1 Vol%	20,7 - 21,1 Vol.%	1%
Carbon monoxide	CO	PS II / XS / XS R CO	68 09 005 / 68 09 105 / 68 10 25	500 ppm	100 ppm	2000 ppm	1 ppm	12 hours	max. 30 minutes	< 10 minutes	2 ppm	2 ppm	1%
Hydrogen sulfide	H2S	PS II / XS / XS R H2S	68 09 010 / 68 09 110 / 68 10 26	100 ppm	20 ppm	100 ppm	1 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	1 ppm	2%
Hydrogen sulfide	H2S	XS H2S HC	68 09 180	500 ppm	100 ppm	1000 ppm	1 ppm	12 hours	max. 30 minutes	< 10 minutes	5 ppm	2 ppm	5%
Sulfur dioxide	SO2	XS SO2	68 09 160	20 ppm	10 ppm	100 ppm	0,1 ppm		= 15 minutes		0,2 ppm	0,2 ppm	2%
Nitrogen monoxide	NO	XS NO	68 09 125	50 ppm	20 ppm	200 ppm	1 ppm	18 hours	max. 4 hours	< 10 minutes	2 ppm	0 ppm	2%
Nitrogen dioxide	NO2	XS NO2	68 09 155	20 ppm	10 ppm	50 ppm	0,1 ppm		= 15 minutes		0,2 ppm	0,2 ppm	2%
Ammonia	NH3	XS NH3	68 09 145	200 ppm	50 ppm	200 ppm	1 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Hydrogen cyanide	HCN	XS HCN	68 09 150	50 ppm	30 ppm	50 ppm	0,1 ppm		= 15 minutes		0,2 ppm	0,2 ppm	3%
Chlorine	Cl2	XS Cl2	68 09 165	10 ppm	1 ppm	20 ppm	0,05 ppm	1 hour	max. 10 minutes	< 10 minutes	0,1 ppm	0,05 ppm	5%
Bromine	Br2	XS Cl2	68 09 165	10 ppm	1 ppm	20 ppm	0,05 ppm	1 hour	max. 10 minutes	< 10 minutes	0,1 ppm	0,05 ppm	5%
Fluorine	F2	XS Cl2	68 09 165	10 ppm	1 ppm	20 ppm	0,05 ppm	1 hour	max. 10 minutes	< 10 minutes	0,1 ppm	0,05 ppm	5%
Chlorine dioxide	ClO2	XS Cl2	68 09 165	10 ppm	1 ppm	20 ppm	0,05 ppm	1 hour	max. 10 minutes	< 10 minutes	0,1 ppm	0,05 ppm	5%
Phosphine	PH3	XS Hydride	68 09 135	1 ppm	1 ppm	20 ppm	0,01 ppm		= 15 minutes		0,02 ppm	0,02 ppm	2%
Arsine	AsH3	XS Hydride	68 09 135	1 ppm	1 ppm	20 ppm	0,01 ppm		= 15 minutes		0,02 ppm	0,02 ppm	2%
Diborane	B2H6	XS Hydride	68 09 135	1 ppm	1 ppm	1 ppm	0,01 ppm		= 15 minutes		0,02 ppm	0,02 ppm	2%
Silicon tetrahydride	SiH4	XS Hydride	68 09 135	5 ppm	5 ppm	50 ppm	0,01 ppm		= 15 minutes		0,02 ppm	0,02 ppm	2%
Germanium tetrahydride	GeH4	XS Hydride	68 09 135	1 ppm	1 ppm	20 ppm	0,01 ppm		= 15 minutes		0,02 ppm	0,02 ppm	2%
Hydrogen selenide	H2Se	XS Hydride	68 09 135	-	-	1 ppm	0,01 ppm		= 15 minutes		0,04 ppm	0	5%
Phosphine	PH3	XS PH3 HC	68 09 535	1000 ppm	100 ppm	1000 ppm	1 ppm		= 15 minutes		2 ppm	1 ppm	3%
Carbon dioxide	CO2	XS CO2	68 09 075	5 Vol.-%	2,5 Vol.-%	5 Vol%	0,1 Vol%	12 hours	max. 120 minutes	< 10 minutes	0,1 Vol%	0,2 Vol.-%	20%
Phosgene	*3 COCl2	PS II COCl2	68 08 582	1 ppm	3 ppm	3 ppm	0,01 ppm	1 hour	max. 10 minutes		0,02 ppm	0,02 ppm	10%
Ethylene oxide	EO/C2H4O	XS OV	68 09 115	50 ppm	20 ppm	200 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Propylene oxide	C3H6O	XS OV	68 09 115	50 ppm	20 ppm	200 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Ethene	C2H4	XS OV	68 09 115	50 ppm	20 ppm	100 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Propene	C3H6	XS OV	68 09 115	50 ppm	20 ppm	100 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	3 ppm	1 ppm	5%
Vinyl chloride	C2H3Cl	XS OV	68 09 115	50 ppm	20 ppm	100 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Methanol	CH3OH	XS OV	68 09 115	50 ppm	20 ppm	200 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Ethanol	C2H5OH	XS OV	68 09 115	200 ppm	100 ppm	300 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	3 ppm	1 ppm	5%
Acetaldehyde	CH3CHO	XS OV	68 09 115	100 ppm	50 ppm	200 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	2 ppm	1 ppm	5%
Butadiene	CH2-CHCH-CH2	XS OV	68 09 115	50 ppm	20 ppm	100 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	2 ppm	1 ppm	5%
Formaldehyde	HCHO	XS OV	68 09 115	50 ppm	20 ppm	100 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	2 ppm	1 ppm	5%
Vinylacetate	CH3COOC2H3	XS OV	68 09 115	50 ppm	20 ppm	100 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	2 ppm	1 ppm	5%
Isopropanol	(CH3)2-CHOH	XS OV	68 09 115	200 ppm	100 ppm	300 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	3 ppm	1 ppm	5%
1-Chlor-2,3 Epoxypropane	*1 C2H3OCH2Cl	XS OV	68 09 115	100 ppm	50 ppm	200 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	3 ppm	1 ppm	10%
Acetylene	*1 C2H2	XS OV	68 09 115	50 ppm	20 ppm	100 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	2 ppm	1 ppm	10%
Tetrahydrofuran	C4H8O	XS OV	68 09 115	50 ppm	30 ppm	200 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	2 ppm	1 ppm	5%
Diethylether	(C2H5)2O	XS OV	68 09 115	50 ppm	50 ppm	200 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	3 ppm	1 ppm	5%
Ethylene oxide	C2H4O	XS OV-A	68 09 522	25 ppm	10 ppm	100 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	1 ppm	0,5 ppm	20%
Acrylonitrile	H2CCHCN	XS OV-A	68 09 522	100 ppm	100 ppm	100 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	3 ppm	0,5 ppm	20%
Styrene	C6H5CHCH2	XS OV-A	68 09 522	100 ppm	100 ppm	100 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	5 ppm	0,5 ppm	20%
Methylmethacrylate	H2CC(CH3)COOCH3	XS OV-A	68 09 522	50 ppm	50 ppm	100 ppm	0,5 ppm	18 hours	max. 120 minutes	< 10 minutes	5 ppm	0,5 ppm	20%
Isobutene	(CH3)2CCH2	XS OV-A	68 09 522	200 ppm	100 ppm	300 ppm	1 ppm	18 hours	max. 120 minutes	< 10 minutes	3 ppm	1 ppm	20%
Hydrogen Peroxide	*3 H2O2	XS H2O2	68 09 170	10 ppm	5 ppm	20 ppm	0,1 ppm	12 hours	max. 30 minutes	< 10 minutes	0,2 ppm	0,1 ppm	10%
Methylamine	CH3NH2	XS Amine	68 09 545	100 ppm	50 ppm	100 ppm	2 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Dimethylamine	(CH3)2NH	XS Amine	68 09 545	100 ppm	50 ppm	100 ppm	2 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Trimethylamine	(CH3)3N	XS Amine	68 09 545	100 ppm	50 ppm	100 ppm	2 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Ethylamin	C2H5NH2	XS Amine	68 09 545	100 ppm	50 ppm	100 ppm	2 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Diethylamine	(C2H5)2NH	XS Amine	68 09 545	100 ppm	50 ppm	100 ppm	2 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Triethylamine	(C2H5)3N	XS Amine	68 09 545	100 ppm	50 ppm	100 ppm	2 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Ammonia	NH3	XS Amine	68 09 545	100 ppm	50 ppm	100 ppm	2 ppm	12 hours	max. 60 minutes	< 10 minutes	2 ppm	2 ppm	3%
Tetrahydrothiophene	C4H8S	XS Odorant	68 09 200	20 ppm	20 ppm	40 ppm	0,5 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
tert. Butylmercaptan	(CH3)3CSH	XS Odorant	68 09 200	20 ppm	20 ppm	40 ppm	0,5 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
sec. Butylmercaptan	C2H5CH(CH3)SH	XS Odorant	68 09 200	20 ppm	20 ppm	40 ppm	0,5 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Methylmercaptan	CH3SH	XS Odorant	68 09 200	20 ppm	20 ppm	40 ppm	0,5 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Ethylmercaptan	C2H5SH	XS Odorant	68 09 200	20 ppm	20 ppm	40 ppm	0,5 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Dimethylsulfid	(CH3)2S	XS Odorant	68 09 200	20 ppm	20 ppm	40 ppm	0,5 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Dimethyldisulfid	CH3SSCH3	XS Odorant	68 09 200	20 ppm	20 ppm	40 ppm	0,5 ppm	12 hours	max. 30 minutes	< 10 minutes	1 ppm	0,5 ppm	5%
Tetrahydrothiophene	*3 C4H8S	XS THT	68 09 195	50 mg/m3	50 mg/m3	100 mg/m3	1 mg/m3	12 hours	max. 30 minutes	< 10 minutes	3 mg/m3	3 mg/m3	5%
Hydrogene	H2	XS H2	68 09 185	1000 ppm	500 ppm	2000 ppm	5 ppm	1 hour	max. 10 minutes	< 10 minutes	10 ppm	10 ppm	1%
Carbon monoxide	CO	XS CO HC	68 09 120	9900 ppm	9900 ppm	9900 ppm	5 ppm	12 hours	max. 30 minutes	< 10 minutes	10 ppm	10 ppm	1%
Hydrogene Chloride	*3 HCl	XS HF/HCl	68 09 140	20 ppm	10 ppm	30 ppm	0,1 ppm				1 ppm	0,3 ppm	15%
Hydrogene Fluoride	*3 HF	XS HF/HCl	68 09 140	20 ppm	10 ppm	30 ppm	0,1 ppm				1,5 ppm	0,3 ppm	15%
Hydrazine	*4 N2H4	XS Hydrazine											
Ozone	*4 O3	XS Ozone											

*1 Sensor is only suited for leak detection. After exposure, the sensor must be exposed to the gas and its proper functioning tested.

*2 No display of H2Se, only as cross calculation

*3 yet not available for Multiwarn II and MiniWarn (Status 10.00)

Gasname	Chemical Symbol	Sensor	Max. Measurement range from 0 to	Resolution of digital display	Lower detection limit	Reproducibility
Oxygen	O2	PS II / XS / XS R O2	25 Vol %	0,1 Vol%	0,1 Vol%	0,01
Carbon monoxide	CO	PS II / XS / XS R CO	2000 ppm	1 ppm	2 ppm	0,01
Hydrogen sulfide	H2S	PS II / XS / XS R H2S	100 ppm	1 ppm	1 ppm	0,02
Hydrogen sulfide	H2S	XS H2S HC	1000 ppm	1 ppm	5 ppm	0,05
Sulfur dioxide	SO2	XS SO2	100 ppm	0,1 ppm	0,2 ppm	0,02
Nitrogen monoxide	NO	XS NO	200 ppm	1 ppm	2 ppm	0,02
Nitrogen dioxide	NO2	XS NO2	50 ppm	0,1 ppm	0,2 ppm	0,02
Ammonia	NH3	XS NH3	200 ppm	1 ppm	2 ppm	0,03
Hydrogen cyanide	HCN	XS HCN	50 ppm	0,1 ppm	0,2 ppm	0,03
Chlorine	Cl2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Bromine	Br2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Fluorine	F2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Chlorine dioxide	ClO2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Phosphine	PH3	XS Hydride	20 ppm	0,01 ppm	0,02 ppm	0,02
Arsine	AsH3	XS Hydride	20 ppm	0,01 ppm	0,02 ppm	0,02
Diborane	B2H6	XS Hydride	1 ppm	0,01 ppm	0,02 ppm	0,02
Silicon tetrahydride	SiH4	XS Hydride	50 ppm	0,01 ppm	0,02 ppm	0,02
Germanium tetrahydride	GeH4	XS Hydride	20 ppm	0,01 ppm	0,02 ppm	0,02
Hydrogen selenide	*2 H2Se	XS Hydride	1 ppm	0,01 ppm	0,04 ppm	0,05
Phosphine	PH3	XS PH3 HC	1000 ppm	1 ppm	2 ppm	0,03
Carbon dioxide	CO2	XS CO2	5 Vol%	0,1 Vol%	0,1 Vol%	0,2
Phosgene	*3 COCl2	PS II COCl2	3 ppm	0,01 ppm	0,02 ppm	0,1
Ethylene oxide	EO/C2H4O	XS OV	200 ppm	0,5 ppm	1 ppm	0,05
Propylene oxide	C3H6O	XS OV	200 ppm	0,5 ppm	1 ppm	0,05
Ethene	C2H4	XS OV	100 ppm	0,5 ppm	1 ppm	0,05
Propene	C3H6	XS OV	100 ppm	1 ppm	3 ppm	0,05
Vinyl chloride	C2H3Cl	XS OV	100 ppm	0,5 ppm	1 ppm	0,05
Methanol	CH3OH	XS OV	200 ppm	0,5 ppm	1 ppm	0,05
Ethanol	C2H5OH	XS OV	300 ppm	1 ppm	3 ppm	0,05
Acetaldehyde	CH3CHO	XS OV	200 ppm	1 ppm	2 ppm	0,05
Butadiene	CH2-CHCH-CH2	XS OV	100 ppm	1 ppm	2 ppm	0,05
Formaldehyde	HCHO	XS OV	100 ppm	1 ppm	2 ppm	0,05
Vinylacetate	CH3COOC2H3	XS OV	100 ppm	1 ppm	2 ppm	0,05
Isopropanol	(CH3)2-CHOH	XS OV	300 ppm	1 ppm	3 ppm	0,05
1-Chlor-2,3 Epoxypropane	*1 C2H3OCH2Cl	XS OV	200 ppm	1 ppm	3 ppm	0,1
Acetylene	*1 C2H2	XS OV	100 ppm	1 ppm	2 ppm	0,1
Tetrahydrofuran	C4H8O	XS OV	200 ppm	1 ppm	2 ppm	0,05
Diethylether	(C2H5)2O	XS OV	200 ppm	1 ppm	3 ppm	0,05
Ethylene oxide	C2H4O	XS OV-A	100 ppm	0,5 ppm	1 ppm	0,2
Acrylonitrile	H2CCHCN	XS OV-A	100 ppm	0,5 ppm	3 ppm	0,2
Styrene	C6H5CHCH2	XS OV-A	100 ppm	0,5 ppm	5 ppm	0,2
Methylmethacrylate	H2CC(CH3)COOCH	XS OV-A	100 ppm	0,5 ppm	5 ppm	0,2
Isobutene	(CH3)2CCH2	XS OV-A	300 ppm	1 ppm	3 ppm	0,2
Hydrogen Peroxide	*3 H2O2	XS H2O2	20 ppm	0,1 ppm	0,2 ppm	0,1
Methylamine	CH3NH2	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Dimethylamine	(CH3)2NH	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Trimethylamine	(CH3)3N	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Diethylamine	(C2H5)2NH	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Triethylamine	(C2H5)3N	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Ammonia	NH3	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Tetrahydrothiophene	C4H8S	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
tert. Butylmercaptan	(CH3)3CSH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
sec. Butylmercaptan	C2H5CH(CH3)SH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Methylmercaptan	CH3SH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Ethylmercaptan	C2H5SH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Dimethylsulfid	(CH3)2S	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Dimethydisulfid	CH3SSCH3	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Tetrahydrothiophene	*3 C4H8S	XS THT	100 mg/m3	1 mg/m3	3 mg/m3	0,05
Hydrogene	H2	XS H2	2000 ppm	5 ppm	10 ppm	0,01
Carbon monoxide	CO	XS CO HC	9900 ppm	5 ppm	10 ppm	0,01
Hydrogene Chloride	*3 HCl	XS HF/HCl	30 ppm	0,1 ppm	1 ppm	0,15
Hydrogene Flouride	*3 HF	XS HF/HCl	30 ppm	0,1 ppm	1,5 ppm	0,15

*1 Sensor is only suited for leak detection. After exposure, the sensor must be exposed to the gas and its proper functioning tested.

*2 No display of H2Se, only as cross calculation

*3 yet not available for Multiwarn II and MiniWarn (Status 10.00)

*4 available on request

Gasname		Chemical Symbol	Sensor	Max. Measurement range from 0 to	Resolution of digital display	Lower detection limit	Reproducibility
1-Chlor-2,3 Epoxypropane	*1	C2H3OCH2Cl	XS OV	200 ppm	1 ppm	3 ppm	0,1
Acetaldehyde		CH3CHO	XS OV	200 ppm	1 ppm	2 ppm	0,05
Acetylene	*1	C2H2	XS OV	100 ppm	1 ppm	2 ppm	0,1
Acrylonitrile		H2CCHCN	XS OV-A	100 ppm	0,5 ppm	3 ppm	0,2
Ammonia		NH3	XS NH3	200 ppm	1 ppm	2 ppm	0,03
Ammonia		NH3	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Arsine		AsH3	XS Hydride	20 ppm	0,01 ppm	0,02 ppm	0,02
Bromine		Br2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Butadiene		CH2-CHCH-CH2	XS OV	100 ppm	1 ppm	2 ppm	0,05
Carbon dioxide		CO2	XS CO2	5 Vol%	0,1 Vol%	0,1 Vol%	0,2
Carbon monoxide		CO	PS II / XS / XS R CO	2000 ppm	1 ppm	2 ppm	0,01
Carbon monoxide		CO	XS CO HC	9900 ppm	5 ppm	10 ppm	0,01
Chlorine		Cl2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Chlorine dioxide		ClO2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Diborane		B2H6	XS Hydride	1 ppm	0,01 ppm	0,02 ppm	0,02
Diethylamine		(C2H5)2NH	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Diethylether		(C2H5)2O	XS OV	200 ppm	1 ppm	3 ppm	0,05
Dimethylamine		(CH3)2NH	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Dimethylsulfid		CH3SSCH3	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Dimethylsulfid		(CH3)2S	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Ethanol		C2H5OH	XS OV	300 ppm	1 ppm	3 ppm	0,05
Ethene		C2H4	XS OV	100 ppm	0,5 ppm	1 ppm	0,05
Ethylene oxide		EO/C2H4O	XS OV	200 ppm	0,5 ppm	1 ppm	0,05
Ethylene oxide		C2H4O	XS OV-A	100 ppm	0,5 ppm	1 ppm	0,2
Ethylmercaptan		C2H5SH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Fluorine		F2	XS Cl2	20 ppm	0,05 ppm	0,1 ppm	0,05
Formaldehyde		HCHO	XS OV	100 ppm	1 ppm	2 ppm	0,05
Germanium tetrahydride		GeH4	XS Hydride	20 ppm	0,01 ppm	0,02 ppm	0,02
Hydrogen cyanide		HCN	XS HCN	50 ppm	0,1 ppm	0,2 ppm	0,03
Hydrogen Peroxide	*3	H2O2	XS H2O2	20 ppm	0,1 ppm	0,2 ppm	0,1
Hydrogen selenide	*2	H2Se	XS Hydride	1 ppm	0,01 ppm	0,04 ppm	0,05
Hydrogen sulfide		H2S	PS II / XS / XS R H2S	100 ppm	1 ppm	1 ppm	0,02
Hydrogen sulfide		H2S	XS H2S HC	1000 ppm	1 ppm	5 ppm	0,05
Hydrogene		H2	XS H2	2000 ppm	5 ppm	10 ppm	0,01
Hydrogene Chloride	*3	HCl	XS HF/HCl	30 ppm	0,1 ppm	1 ppm	0,15
Hydrogene Flouride	*3	HF	XS HF/HCl	30 ppm	0,1 ppm	1,5 ppm	0,15
Isobutene		(CH3)2CCH2	XS OV-A	300 ppm	1 ppm	3 ppm	0,2
Isopropanol		(CH3)2-CHOH	XS OV	300 ppm	1 ppm	3 ppm	0,05
Methanol		CH3OH	XS OV	200 ppm	0,5 ppm	1 ppm	0,05
Methylamine		CH3NH2	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Methylmercaptan		CH3SH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Methylmethacrylate		H2CC(CH3)COOCH3	XS OV-A	100 ppm	0,5 ppm	5 ppm	0,2
Nitrogen dioxide		NO2	XS NO2	50 ppm	0,1 ppm	0,2 ppm	0,02
Nitrogen monoxide		NO	XS NO	200 ppm	1 ppm	2 ppm	0,02
Oxygen		O2	PS II / XS / XS R O2	25 Vol %	0,1 Vol%	0,1 Vol%	0,01
Phosgene	*3	COCl2	PS II COCl2	3 ppm	0,01 ppm	0,02 ppm	0,1
Phosphine		PH3	XS Hydride	20 ppm	0,01 ppm	0,02 ppm	0,02
Phosphine		PH3	XS PH3 HC	1000 ppm	1 ppm	2 ppm	0,03
Propene		C3H6	XS OV	100 ppm	1 ppm	3 ppm	0,05
Propylene oxide		C3H6O	XS OV	200 ppm	0,5 ppm	1 ppm	0,05
sec. Butylmercaptan		C2H5CH(CH3)SH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Silicon tetrahydride		SiH4	XS Hydride	50 ppm	0,01 ppm	0,02 ppm	0,02
Styrene		C6H5CHCH2	XS OV-A	100 ppm	0,5 ppm	5 ppm	0,2
Sulfur dioxide		SO2	XS SO2	100 ppm	0,1 ppm	0,2 ppm	0,02
tert. Butylmercaptan		(CH3)3CSH	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Tetrahydrofuran		C4H8O	XS OV	200 ppm	1 ppm	2 ppm	0,05
Tetrahydrothiophene		C4H8S	XS Odorant	40 ppm	0,5 ppm	1 ppm	0,05
Tetrahydrothiophene	*3	C4H8S	XS THT	100 mg/m3	1 mg/m3	3 mg/m3	0,05
Triethylamine		(C2H5)3N	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Trimethylamine		(CH3)3N	XS Amine	100 ppm	2 ppm	2 ppm	0,03
Vinyl chloride		C2H3Cl	XS OV	100 ppm	0,5 ppm	1 ppm	0,05
Vinylacetate		CH3COOC2H3	XS OV	100 ppm	1 ppm	2 ppm	0,05

*1 Sensor is only suited for leak detection. After exposure, the sensor must be exposed to the gas and its proper functioning tested.

*2 No display of H2Se, only as cross calculation

*3 yet not available for Multiwarn II and MiniWarn (Status 10.00)

*4 available on request