

myDataSens Sensorlist

Sensor	Title	Bezeichnung	EX	Nominal Range (ppm)	Maximum Overload (ppm)	Expected Operating Life Lebensdauer	Resolution Auflösung (ppm)	Repeatability Wiederholgenauigkeit	Temperature Range Temperaturbereich
		Arsenwasserstoff							
		Monoarsan		0...1		> 1.5 years	<15 ppb		-20°C...+40°C / -4°F...104°F
AsH ₃	Arsine	Arsin		0...500		> 1.5 years	<20 ppb		-20°C...+40°C / -4°F...104°F
C ₂ H ₄ O	Ethylene Oxide	Ethylenoxid	EX	0...20	100	2 years in air	0.1	1 % of signal	-10°C...+40°C / 14°F...104°F
				0...5 / 0...50		> 2 years	<0.05		-20°C...+40°C / -4°F...104°F
Cl ₂	Chlorine	Chlor	EX	0...20	250	2 years in air	0.1	2 % of signal	-10°C...+40°C / 14°F...104°F
ClO ₂	Chlorine dioxide	Chlordioxid		0...1		> 2 years	<0.02		-20°C...+40°C / -4°F...104°F
				0...300		> 3 years	<2		-20°C...+50°C / -4°F...122°F
				0...500		> 3 years	<3		-20°C...+50°C / -4°F...122°F
CO	Carbon monoxide	Kohlenmonoxid	EX	0...1000	2000	3 years in air	0.5	1 % of signal	-10°C...+40°C / 14°F...104°F
COCl ₂	Phosgene	Phosgen		0...1		> 1 year	<0.02		-20°C...+40°C / -4°F...104°F
F ₂	Fluorine	Fluor		0...1		> 1.5 years	<0.02		-10°C...+40°C / 14°F...104°F
		Monogerman							
		Germaniumwasserstoff							
GeH ₄	Germane	Germaniumtetrahydrid		0...2		> 1.5 years	<0.05		-20°C...+40°C / -4°F...104°F
				0...1 %		> 2 years	<20		-20°C...+40°C / -4°F...104°F
				0...4 %		> 2 years	<100		-20°C...+40°C / -4°F...104°F
			EX	0...1000	2000	2 years in air	2	2 % of signal	-10°C...+40°C / 14°F...104°F
				0...2000		> 2 years	<15		-20°C...+40°C / -4°F...104°F
H ₂	Hydrogen	Wasserstoff	EX	0...10 000	20 000	2 years in air	10	2 % of signal	-10°C...+40°C / 14°F...104°F

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				0...30		> 1.5 years	<0.1		-20°C...+40°C / -4°F...104°F
			EX	0...50	500	2 years in air	0.1	1 % of signal	-10°C...+40°C / 14°F...104°F
				0...50		> 3 years	<0.7		-20°C...+40°C / -4°F...104°F
				0...100		> 3 years	<0.3		-20°C...+50°C / -4°F...122°F
H ₂ S	Hydrogen Sulphide	Schwefelwasserstoff	EX	0...200	1000	2 years in air	0.25	1 % of signal	-10°C...+40°C / 14°F...104°F
				0...30		> 2 years	<0.7		-20°C...+40°C / -4°F...104°F
HCl	Hydrogen Chloride	Chlorwasserstoff	EX	0...50	100	2 years in air	0.5	2 % of signal	-10°C...+40°C / 14°F...104°F
		Blausäure		0...30		> 1.5 years	<0.2		-20°C...+40°C / -4°F...104°F
HCN	Hydrogen Cyanide	Cyanwasserstoff	EX	0...100	200	1 year in air	0.5	2 % of signal	-10°C...+40°C / 14°F...104°F
HF	Hydrogen Fluoride	Fluorwasserstoff		0...10		> 1 year	<0.25		-20°C...+35°C / -4°F...95°F
		Hydrazin							
		Hydrazinanhydrid							
		Diamin							
		Diamid							
		Diazan							
N ₂ H ₄	Hydrazine	Hydrazin Base		0...1		> 1 year	<0.01		-10°C...+40°C / 14°F...104°F
			EX	0...50	200	1 year in air	0.5	10 % of signal	-10°C...+30°C / 14°F...86°F
				0...100		> 1 year	<2		-20°C...+40°C / -4°F...104°F
				0...100		> 2 years	<5		-0°C...+40°C / 32°F...104°F
				0...100		> 2 years	<1		-20°C...+40°C / -4°F...104°F
			EX	0...200	500	2 years	1	10 % of signal	-10°C...+40°C / 14°F...104°F
				0...1000		> 1 year	<15		-20°C...+40°C / -4°F...104°F
NH ₃	Ammonia	Ammoniak		0...1000		> 2 years	<5		-0°C...+40°C / 32°F...104°F

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NO	Nitric oxide	Stickstoffmonoxid	EX	0...100	1500	3 years in air	0.5	2 % of signal	-10°C...+40°C / 14°F...104°F
				0...100 / 0...500		> 2 years			<0.7
NO ₂	Nitrogen dioxide	Stickstoffdioxid	EX	0...20	200	2 years in air	0.1	2 % of signal	-10°C...+40°C / 14°F...104°F
				0...50		1 year			0.1 (20 °C / 68 °F)
O ₂	Oxygen	Sauerstoff		0...50	30 % O ₂	2 years in air	0.1 %	-	-20°C...+40°C / -4°F...104°F
				0...25 % O ₂					> 1.5 years
O ₃	Ozone	Ozon	EX	0...2	5	2 years in air	20	5 % of signal	-10°C...+40°C / 14°F...104°F
PH ₃	Phosphine	Monophosphan		0...1000		> 1.5 years	<20		-20°C...+40°C / -4°F...104°F
		Phosphin							
		Phosphorwasserstoff							
SiH ₄	Silan	Silan		0...50		> 1.5 years	<0.05		-20°C...+40°C / -4°F...104°F
SO ₂	Sulphur dioxide	Schwefeldioxid	EX	0...20	100	2 years in air	0.1	2 % of signal	-10°C...+40°C / 14°F...104°F
				EX					
	Mercaptane			0...50 mg.m ³ / 0...14 ppm		> 1 year	<0.5 mg.m ³		-10°C...+40°C / 14°F...104°F
	Tetrahydrothiophene			0...50 mg/m ³		> 1.5 years	<1.5 mg.m ³		-10°C...+40°C / 14°F...104°F
	Combustibles			0...100 % LEL (0...5 % CH ₄)		> 2 years	-		-10°C...+50°C / 14°F...122°F

Weitere Sensoren auf Anfrage | further sensors on request | Änderungen vorbehalten | subject to change without prior notice