PS1/PS4 -VOC-1000

An in-depth analyis of cross-sensitivities and thresholds of the gasses detected by the Total VOC Sensor by SGX Sensortech

		Cross-sensi	tivity Statistics					Threshold and Healt					
		T	O	0.4	Irritation Threshold (ppm)	NIO:	H Recommended Exposure Limit (ppm)		OSHA Permissible Exposure Limit (ppm)		101114	m) Source(s)
voc	Formula	rest Conc. (ppm)	Sensor Reading (ppm)	Odor inresnota (ppm)	irritation inresnota (ppm)	Time Weighted Average (ppm)	Short Term Exposure Limit (ppm)	Ceiting (ppm)	Time Weighted Average (ppm)	Short Term Exposure Limit (ppm)	Ceiling (ppm)	IDLH (pp	n) Source(s)
Acetaldehyde	C ₂ H ₄ O	5 3	3.84	0.05	50				200			2000	NIOSH
Acetic Acid	СН₃СООН	5 1	1.1	0.48 - 1	50	10	15		10			50	NIOSH
Acetylene	C ₂ H ₂	5 1	1.64	226	TODO	-		2500				n/a	NIOSH
Acrylonitrile	C ₃ H ₃ N	5 0	1.4	1.6	TODO	1	10		2		10	85	NIOSH
Ammonia	NH ₃	5 1	1.5	5.0 - 53	300-500	25	35		50			300	NIOSH
Benzene	C ₆ H ₆	5 1	1.1	1.5 - 4.7	TODO	0.1	10		1	5		500	NIOSH
Butadiene	C ₄ H ₆	5 8	3.68	1 - 1.6	TODO				1	5		2000	NIOSH
Carbon Disutfide	CS ₂	5 1	1.23	0.1 - 0.2	TODO	1	10		20		30	500	NIOSH
Carbon Monoxide	co	5 3	3.38	undetectable	TODO	35	200		50			1200	NIOSH
Dimethyl Disulfide	C ₂ H ₆ S ₂	2 6	5.79	0.007 - 0.012	TODO	0.1			1			7	NIOSH
Ethanol	C ₂ H ₆ O	5 1	1.83	10	TODO	1000			1000			3300	NIOSH
Ethyl Mercaptan	C ₂ H ₆ S	5 8	3.97	0.00035	TODO			0.5			10	500	NIOSH
Ethylene	C ₂ H ₄	5 0	0.59	260	TODO	< 0.1		5	1.0 - 5.0			800	NIOSH
Formaldehyde	HCHO	5 5	5.29	0.05 - 1	TODO	0.016		0.1	0.75	2		20	NIOSH
Formic Acid	нсоон	5 5	5.37	49	TODO	5			5			30	NIOSH
Hydrogen	H ₂	5 1	1.15	undetectable	undetectable							Not applica	ole n/a
Hydrogen Chloride	HCI	5 0	1.27	0.255 - 10.06	TODO			5			5	50	NIOSH
Hydrogen Cyanide	HCN	5 0	0.36	2 - 10 ppm	TODO		4.7		10			50	NIOSH
Isobutene	C ₄ H ₆	5 5	5	?	TODO	800						n/a	NIOSH
Methanol	CH ₃ OH	5 5	5.96	100	TODO	200	250		200			6000	NIOSH
Methyl Mercaptan	CH ₄ S	5 7	7	0.002	TODO			0.5			10	150	NIOSH
P-xytene	C _e H ₁₀	5 0	0.59	0.09 - 0.4	TODO	100	150		100		200	900	NIOSH
Styrene	C _e H _e	0.5 7	7.5	0.04 - 0.32	TODO	50	100		100		200	700	NIOSH
Sulfur Dioxide	SO ₂	5 5	5	0.67 - 4.75	TODO	2	5		5			100	NIOSH
Toluene	C ₂ H ₈	5 0	0.81	2.5	TODO	100	150		200		300	500	NIOSH
Trimethylamine	C ₂ H ₂ N	5 0	0.65	0.000032	TODO	10	15					n/a	NIOSH
Dining Lampblack	unsaturated hydrocarbons												
	,												
Gasoline	Aliphatic/												

		the bottom two				
		rows are more		not a lot of standardized	TWA = time weighted average	
- 1 -	COMMENTS	describing testing		methods documented:	STEL = short term exposure limit	
		conditions		values to be looked into further.	ST = " "	
		rather than gasses			C = ceiling value	
		themselves.				1

SGX Senortech Sensor Review

 $A\ list of\ various\ SGX\ Sensortech\ VOC\text{-}sensor\ specifications, based\ off\ literature\ review\ by\ Sarah\ Walden.$

Volatile Organic Compound	Sensor Model(s)	Distributor	VOC-Specific?	Detection Technology	Measurement Range	Link
Acetic Acid (CH ₃ COOH)		-	FALSE		-	
Acetylene (C ₂ H ₂)	IR14BD	-	TRUE	Infrared	-	
Additional (Ogras)	IR604	-	TRUE	Infrared	-	
Acrylonitrile (C ₃ H ₃ N)		-	FALSE		-	
	VQ41TSB	-	TRUE	Catalytic Bead (Pellistor)	-	VQ41TSB
	SGX-NH3-500	-	TRUE	Electrochemical	-	SGX-NH3-500
	SGX-4NH3	-	TRUE	Electrochemical	-	SGX-4NH3
	SGX-4NH3-100	-	TRUE	Electrochemical	-	SGX-4NH3-100
Ammonia (NH ₃)	SGX-4NH3-300	-	TRUE	Electrochemical	-	SGX-4NH3-300
	SGX-4NH3-1000	-	TRUE	Electrochemical	-	SGX-4NH3-1000
	SGX-7NH3-100	-	TRUE	Electrochemical	-	SGX-7NH3-100
	SGX-7NH3-1000	-	TRUE	Electrochemical	-	SGX-7NH3-1000
	PS1- / PS4-NH3-100	-	TRUE	Electrochemical	=	PS1- / PS4-NH3-100
Benzene (C _a H _a)	IR12xx	-	FALSE		-	
belizelle (O ₆ H ₆)	IR15TT-D	-	FALSE		-	
Butadiene (C ₄ H ₆)		-	FALSE		-	
Carbon Disulfide (CS ₂)		-	FALSE		-	
Ethanol (C ₂ H ₆ O)		-			-	
Ethylene (C ₂ H ₄)		-	FALSE		-	
Ethylene Oxide (C ₂ H ₄ O)		-	FALSE		-	
Formaldehyde (HCHO)	PS1- / PS4-HCNO-5	-	TRUE	Electrochemical	-	
romatuenyde (nono)	PS1- /PS4-HCNO-100*	-	TRUE	Electrochemical	-	
Formic Acid (HCOOH)		-	FALSE		-	
Hydrogen (H₂)	PS1- / PS4-H2-20000	-	FALSE		-	
		-	FALSE		-	
		-	FALSE		-	
		-	FALSE		-	
Hydrogen Chloride (HCl)		-	FALSE		-	
Hydrogen Cyanide (HCN)		-	FALSE		-	
Isobutene (C ₄ H _a)		-	FALSE		-	
Methanol (CH ₃ OH)		-	FALSE		-	
Methyl Mercaptan (CH₄S)		-	FALSE		-	
Methyl Sulfide (C ₂ H ₆ S)		-	FALSE		=	
Nitrogen Dioxide (NO ₂)		-	FALSE		-	
D-Xylene (C _s H ₁₀)		-	FALSE		=	
Styrene (C _a H _a)		-	FALSE		-	
Foluene (C ₇ H _e)		-	FALSE		-	
Trimethylamine (C ₃ H ₉ N)		-	FALSE		-	
VOCs in green are common	* = module					
Liquid?						
VOC by definition, i.e. high vapor						
pressure and low water solubility						

Composition of Electrosurgical Smoke An analyls of the components of the gaseous byproduct present during LEEP procedures. based of literature by YI Liu, et. ali.

TABLE 1 - Und	letected cher	nicals		
Chemical	Hazards class	Lowest Mass of Detection (mg/m3)	Air sample before LEEP (mg/m³)	Smoke sample during LEEP (mg/m³)
Benzene	1	0.01	< 0.01	< 0.01
Tolulene	3	0.01	< 0.01	< 0.01
Xylene	3	0.01	< 0.01	< 0.01
Ethylbenzene	2B	0.01	< 0.01	< 0.01
Styrene	2A	0.01	< 0.01	< 0.01
Butyl acetate	3	0.02	< 0.02	< 0.02
Hendecane	n/a	0.01	< 0.01	< 0.01
Acetone	n/a	0.02	< 0.02	< 0.02
Acrylonitrile	2B	0.02	< 0.02	< 0.02
1,2-dichloroethane	2B	0.02	< 0.02	< 0.02
Phenol	3	0.5	< 0.5	< 0.5
Chlorine	3	0.2	< 0.2	< 0.2
Cyanide	1	0.02	< 0.02	< 0.02
Hydrogen cyanide	1	0.1	< 0.1	< 0.1
Carbon monoxide	n/a	0.1	< 0.1	< 0.1

TABLE 2 - Detected chemicals													
Chemical	Hazards class	Lowest Mass of Detection (mg/m3)	Air sample before LEEP	Smoke sample during LEEP	P value								
Carbon dioxide	n/a	0.01	0.072 +- 0.007 %	0.098 +- 0.015 %	< 0.001								
Formaldehyde	1	0.01	0.012 +- 0.001 mg/m ³	0.023 +- 0.009 mg/m ³	< 0.05								

SGX Sensors - Mouser

Mouser Part Number	Mfr Part Number	Datasheet Availability	Pricing RoHS	Lifecycle	Product Detail Type	SensorType	Maximum Operating Temperatur	Minimum Operating Temperatu	n Operating Supply Voltag	g Series
523-SGX-4NH3-1000 523-SGX-7OX	9GX-4NH3-1000 9GX-7OX	https://agese 110 https://agese 74	\$93.90 RoHS Complia \$46.69 RoHS Complia		https://www.mo Gas Sens https://www.mo Gas Sens	or Oxygen (O)	+50 C +50 C	-40 C -30 C	1.3 V 900 mV	
523-VQ548MP 523-PS1-H2-1000	VQ548MP PS1-H2-1000	https://4don/ 64 https://www 60	\$55.66 RoHS Complia \$61.17 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen (H)	+60 C +55 C	-40 C	2.9Vto 3.1V	VQ500
523-SGX-4H2S-100 523-EC4-100-H2S	9GX-4H2S-100 EC4-100-H2S	https://sgxsc 50 https://4don/ 26	\$42.11 RoHS Complia \$81.01 RoHS Complia	nr End of Life	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen Sulfide (H2S)	+50 C +50 C	-30 C -20 C	1.3 V	
523-PS4-H2-1000 523-IR11GJ	PS4-H2-1000 IR11GJ	https://www 26 https://www 25	\$123.73 RoHS Complia \$183.98 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen (H) or Carbon Dioxide (CO2)	+55 C +55 C	-40 C -20 C	3 V to 5 V	IR1 Series
523-984-CO-100	9GX-4ETO PS4-CO-100	https://www 24	\$103.41 RoHS Complia \$94.47 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Monoxide (CO)	+50 C +55 C	-20 C -40 C	1.3 V	
523-IR11EM 523-9GX-BR2-5	IR11EM 9GX-BR2-5	https://www 23 https://sgxss 23	\$201.08 RoHS Complia \$259.82 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Multi-Gas	+55 C +40 C	-20 C -20 C	3 V to 5 V	IR1 Series
523-93X-4NH3-100 523-PS4-O2-25%	9GX-4NH3-100 PS4-O2-25%	https://agxse 23 https://www 22	\$124.15 RoHS Complia \$139.78 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Oxygen (O)	+50 C +55 C	-40 C -20 C	1.3 V	
523-PS1-O2-25% 523-EC4-2000-SO2	PS1-O2-25% EC4-2000-SO2	https://www 22 https://sgxss 21	\$78.94 RoHS Complia \$116.27 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Sulfur Dioxide (SO2)	+55 C +50 C	-40 C -20 C	3.3 V to 5.5 V	
523-IR21EJ 523-8GX-4O3-20	IR21EJ 9GX-4O3-20	https://doin/ 20 https://sgess/ 20	\$156.83 RoHS Complia \$91.48 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Ozone (O3)	+55 C +50 C	-20 C -30 C	3 V to 5 V	IR1 Series
523-PS4-HCHO-5 523-IR11BR	PS4-HCHO-5 IR11BR	https://www 19 https://www 18	\$112.87 RoHS Complia \$178.75 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Dioxide (CO2)	+55 C +55 C	-20 C -20 C	3 V to 5 V	IR1 Series
523-PS4-CO-1000 523-IR22GJ 523-SGX-HCL-30	PS4-CO-1000 IR22GJ	https://www 18 https://4don/ 18	\$54.14 RoHS Complia \$178.19 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrocarbon (HC)	+55 C +55 C +40 C	-40 C -20 C	3 V to 5 V	IR1 Series
523-80X-HCL-30 523-90X-4CL2 523-P81-VOC-10	9GX-HCL-30 9GX-4CL2 PS1-VOC-10	https://www.18 https://agesc.18 https://www.17	\$216.31 RoHS Complia \$113.56 RoHS Complia \$48.95 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Chlorine (Ct2)	+40 C +50 C +55 C	-20 C -20 C -40 C	1.3 V	
523-PS1-VOC-10 523-PS1-CO-1000 523-SGX-4CO-LC	PS1-VUC-10 PS1-CO-1000 SGX-4CO-LC	https://www 16 https://www 16 https://sgxsc 16	\$40.18 RoHS Complia \$40.18 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Monoxide (CO)	+55 C +55 C +50 C	-40 C -40 C -30 C	1.3V	
523-PS4-VOC-1000	PS4-VOC-1000	https://www 15	\$75.58 RoHS Complia	nt	https://www.mo Gas Sens	or Total Volatile Organic Compound (TVOC	+55 C	-40 C		
523-PS1-O3-100 523-PS1-H2S-100 523-IR12EM	PS1-O3-100 PS1-H2S-100 IR12EM	https://www 15 https://www 15 https://www 15	\$59.23 RoHS Complia \$61.17 RoHS Complia \$161.17 RoHS Complia	ns	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen Sulfide (H2S)	+55 C +55 C +55 C	-40 C -40 C -20 C	3.3 V to 5.5 V 3 V to 5 V	IR1 Series
523-PS4-O3-5 523-PS1-CO-100	PS4-03-5 PS1-CO-100	https://www 15 https://www 15	\$161.17 RoHS Complia \$139.78 RoHS Complia \$48.95 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Ozone (O3)	+55 C +40 C +55 C	-20 C -20 C -40 C	3 V to 5 V	IR1 Senes :
523-PS4-SO2-50 523-PS4-SO2-50 523-SGX-SURECO	PS4-902-50 933-SUBFCO	https://www.14 https://www.14	\$112.87 RoHS Complia \$36.88	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Sulfur Dioxide (SO2)	+55 C	-40 C		
523-PS1-HCHO-5 523-PS4-VOC-10	PS1-HCHO-5 PS4-VOC-10	https://www 13 https://www 13	\$55.86 RoHS Complia \$94.47 RoHS Complia	nt	https://www.mo Gas Sens	or Multi-Gas or Total Volatile Organic Compound (TVOC	+55 C	-20 C -40 C		
523-9GX-7NH3-100 523-VQ548MP2-DA	9GX-7NH3-100 VQ548MP2-DA	https://agesc 13 https://www 12	\$124.15 RoHS Complia \$61.89	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Ammonia (NH3)	+50 C +60 C	-40 C	1.3 V 2.9 V to 3.1 V	
523-P84-H2S-100 523-S0X-4S02	PS4-H2S-100 SGX-4SO2	https://www 12 https://agest 12	\$96.94 RoHS Complia \$91.60 RoHS Complia		https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen Sulfide (H2S)	+55 C +50 C	-40 C -30 C	750 mV	
523-P84-VOC-200 523-PS1-VOC-200	PS4-VOC-200 PS1-VOC-200	https://www 11 https://www 11	\$94.47 RoHS Complia \$40.38 RoHS Complia	ns	https://www.mo Gas Sens https://www.mo Gas Sens	or Total Volatile Organic Compound (TVOC	+55 C +55 C	-40 C	7301111	
523-9GX-7NO-100 523-PS1-NO2-50	9GX-7NO-100 PS1-NO2-50	https://agese 11 https://www 10	\$122.53 RoHS Complia \$61.17 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Nitric Oxide (NO)	+50 C +55 C	-30 C -40 C	1.3 V	
523-8GX-F2-5 523-8GX-4NO2-2E	9GX-F2-5 9GX-4NO2-2E	https://www 10 https://agest 9	\$231.89 RoHS Complia \$53.37 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Multi-Ges	+40 C +50 C	-20 C -30 C	1.3V	
523-80X-HF-10 523-EC4-20-NO2	9GX-HF-10 EC4-20-NO2	https://agesc 9 https://agion 8	\$235.31 RoHS Complia \$132.58 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen (H)	+55 C +50 C	-20 C		
523-EC4-1000-H28 523-PS1-H2S-500	EC4-20-NO2 EC4-1000-H2S PS1-H2S-500	https://agicn 8 https://agxse 8 https://www 8	\$132.58 RoHS Complia \$117.12 RoHS Complia \$34.41 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen Sulfide (H2S)	+50 C +50 C +55 C	-20 C -20 C -40 C		
523-PS1-H2S-500 523-IR12BD 523-SGX-7NO2	PS1-H2S-500 IR12BD SGX-7NO2	https://www 8 https://www 8 https://sgess 8	\$34.41 RoHS Complia \$206.40 RoHS Complia \$118.98 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrocarbon (HC)	+55 C +55 C +50 C	-40 C -20 C -30 C	3 V to 5 V	IR1 Series 2
523-954-O3-100 523-P54-O3-5	93X-7NO2 PS4-O3-100 PS1-O3-5	https://www.8 https://www.7	\$118.98 RoHS Complia \$139.99 RoHS Complia \$81.85 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Ozone (O3)	+50 C +40 C +55 C	-30 C -20 C -40 C	3.3 V to 5.5 V	
523-PS1-O3-5 523-SGX-7CL2 523-SGX-7H2S-100	PS1-03-5 9GX-7CL2 9GX-7H2S-100	https://www.7 https://sgxsc.7 https://sgxsc.7	\$1.85 RoHS Complia \$122.53 RoHS Complia \$71.87 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Chlorine (Ct2)	+56 C +50 C +50 C	-40 C -20 C -40 C	3.3 V to 5.5 V 1.3 V	
523-90X-4H2S-300	9GX-4H2S-300	https://4don/ 6	\$47.49 RoHS Complia	nt	https://www.mo Gas Sens	or Hydrogen Sulfide (H2S)	+50 C	-30 C	1.3V	
523-PS4-H2S-500 523-SGX-4NO-250	PS4-H2S-500 SGX-4NO-250	https://www 6 https://sgxsc 6	\$69.63 RoHS Complia \$96.82 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Nitric Oxide (NO)	+55 C +50 C	-40 C -30 C	1.3 V	
523-EC4-500-CO 523-PS1-VOC-1000 523-EC4-2000-NO	EC4-500-CO PS1-VOC-1000 EC4-2000-NO	https://www.5	\$80.42 RoHS Complia \$36.31 RoHS Complia \$109.77 RoHS Complia	ns	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Total Volatile Organic Compound (TVOC	+50 C +55 C +50 C	-20 C -40 C -20 C		
523-PS1-IAQ-10-MOD	PS1-IAO-10-MOD	https://agese 5 https://agese 5	\$250.52 RoHS Complia	nt	https://www.mo Gas Sens	or Air Quality	+55 C	-40 C		
523-8GX-7NH3-1000 523-IR11EJ	9GX-7NH3-1000 IR11EJ	https://sgxse 5 https://www 5	\$124.13 RoHS Complia \$154.36 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Dioxide (CO2)	+50 C +55 C	-40 C -20 C	1.3 V 3 V to 5 V	IR1 Series 2
523-80X-7CO 523-EC4-100-ETO	9GX-7CO EC4-100-ETO	https://agese 5 4	\$71.88 RoHS Complia \$167.25 RoHS Complia	rr End of Life	https://www.mo Gas Sera https://www.mo Gas Sera	or .	+50 C +50 C	-30 C -20 C	1.3 V	
523-EC4-1000-H2 523-EC4-500-ETO	EC4-1000-H2 EC4-500-ETO	https://4don/ 4 https://www. 4	\$106.23 RoHS Complia \$124.47 RoHS Complia	rr End of Life	https://www.mo Gas Sens https://www.mo Gas Sens	ar .	+50 C +50 C	-20 C -20 C		
523-EC4-200-CL2 523-IR12GJ	EC4-200-CL2 IR12GJ	https://4don/ 4 https://www 4	\$113.30 RoHS Complia \$173.98 RoHS Complia	nt End of Life nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrocarbon (HC)	+50 C +55 C	-20 C -20 C	3 V to 5 V	IR1 Series 2
523-PS1-H2-20000 523-SGX-4NO2	PS1-H2-20000 SGX-4NO2	https://www.4 https://agxsc.3	\$94.91 \$49.85 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Nitrogen Dioxide (NO2)	+56 C +50 C	-40 C -30 C	1.3 V	
523-9GX-4DT 523-9GX-4NH3-300	9GX-4DT 9GX-4NH3-300	https://sgxss 3 https://sgxss 3	\$80.26 RoHS Complia \$124.14 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Ammonia (NH3)	+50 C +50 C	-30 C -40 C	1.3 V 1.3 V	
523-90X-7902 523-IR12GM1	9GX-7902 IR12GM_1	https://agese 3 https://www 2	\$122.53 RoHS Complia \$202.49 RoHS Complia	rr End of Life	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrocarbon (HC)	+50 C +55 C	-30 C -20 C	750 mV 5 V	IR1 Series 2
523-EC4-10-ETO 523-EC4-20-PH3	EC4-10-ETO EC4-20-PH3	https://4don/ 2 https://agx.c 2	\$167.13 RoHS Complia \$199.66 RoHS Complia	nr End of Life nt	https://www.mo Gas Sens https://www.mo Gas Sens	or or	+50 C +50 C	-20 C -20 C		
523-PS1-SO2-50 523-PS4-NO2-50	PS1-902-50 PS4-NO2-50	https://www 2 https://www 2	\$61.17 RoHS Complia \$103.06 RoHS Complia	ns	https://www.mo Gas Sens https://www.mo Gas Sens	or Nitrogen Dioxide (NO2)	+55 C +55 C	-40 C		
523-9GX-4CO-10K 523-PS4-NH3-100	93X-4CO-10K PS4-NH3-100	https://sgxsc 2 https://sgx.c 2	\$78.85 RoHS Complia \$164.34		https://www.mo Gas Sens https://www.mo Gas Sens	a Ammonia (NH3)	+50 C	-30 C	1.3 V	
523-90X-HF-10-MOD 523-PS1H2S10	9GX-HF-10-MOD PS1-H2S-10	1	\$450.98 \$160.58 RoHS Complia	n New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or .				
523-PS4-CL2-5 523-PS4HCHO100	PS4-CL2-5 PS4-HCHO-100	https://www 1 https://www 1	\$209.17		https://www.mo Gas Sens https://www.mo Gas Sens	or Chlorine (C12)	+55 C	-20 C		
523-PS1-H2S-100-MOD 523-SGX-CL2-50	PS1-H2S-100-MOD 9GX-CL2-50	https://www 1 https://sgxsc 1	\$250.45 \$327.18		https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen (H) or Chlorine (Cl2)	+55 C	-40 C		
523-9GX-BR2-5-MOD 523-PS1-NH3-10	93X-BR2-5-MOD PS1-NH3-10	https://sgess 1 https://www 1	\$478.36 \$160.58	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or .				
523-PS4-H2-20000 523-PS1-NH3-100-MOD	PS4-H2-20000 PS1-NH3-100-MOD	https://www 1 https://sgxsc 1	\$143.39 \$244.29	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	a Ammonia (NH3)	+55 C	-40 C	3.3 V to 5.5 V	
523-PS1NO22 523-SGX-4H2S	PS1-NO2-2 93X-4H2S	https://www 1 https://www N/A	\$160.58 RoHS Complia \$47.73 RoHS Complia	nr New Product	https://www.mo Gas Sens https://www.mo Gas Sens	or Nitrogen Dioxide (NO2) or Hydrogen Sulfide (H2S)	+55 C +50 C	-40 C -30 C		
523-90X-4CO 523-PS1-NO2-50-MOD	9GX-4CO PS1-NO2-50-MOD	https://sgxss 0 Lead-Time 8 Weeks https://sgxss 0 Lead-Time 7 Weeks	\$43.44 RoHS Complia \$250.45	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Monoxide (CO)	+50 C +55 C	-30 C -40 C		
523-SGX-7ETO 523-PS4NO22000	9GX-7ETO PS4-NO2-2000	https://sgxss 0 Lead-Time 7 Weeks https://www. 0 Lead-Time 6 Weeks	\$126.18 RoHS Complia \$223.09 RoHS Complia	nt nr New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or .	+50 C +55 C	-20 C -40 C	1.3 V	
523-PS1COSMOKE10K 523-IR22EJ	PS1-CO-SMOKE-10K IR22EJ	https://www 0Lead-Time 6Weeks https://4don/ 0Lead-Time 6Weeks	\$71.37 RoHS Complia \$161.08 RoHS Complia	nr New Product	https://www.mo Gas Sera https://www.mo Gas Sera	or Carbon Monoxide (CO)	+45 C +55 C	-10 C -20 C	3Vto5V	IR1 Series 1
523-PS1PH32000 523-PS1ETO10	PS1-PH3-2000 PS1-ETO-10	https://www 0.Lead-Time 6.Weeks https://www.0.Lead-Time 6.Weeks	\$160.58 RoHS Complia	rr New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or Phosphine (PH3)	+55 C +55 C	-40 C		
523-PS19O2100 523-PS4CH4S100	PS1-902-100 PS4-CH4S-100	https://www 0 Lead-Time 6 Weeks https://www 0 Lead-Time 6 Weeks	\$122.03 RoHS Complia	n New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or Sulfur Dioxide (SO2)	+55 C +55 C	-40 C		
523-PS1NO22000 523-PS1ETO200	PS1-NO2-2000 PS1-ETO-200	https://www.0.Lead-Time.6.Weeks https://www.0.Lead-Time.6.Weeks	\$160.58 RoHS Complia	rr New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or Nitrogen Dioxide (NO2)	+55 C +55 C	-40 C -40 C		
523-PS1CH4S100 523-PS4ETO10	PS1-CH4S-100 PS4-ETO-10	https://www.0Lead-Time6Weeks https://www.0Lead-Time6Weeks			https://www.mo Gas Sens https://www.mo Gas Sens		+ 55 C + 55 C	-40 C		
523-P84NO22 523-P81CO10	PS4-NO2-2	0 Lead-Time 6 Weeks https://www.0 Lead-Time 6 Weeks	\$223.09 RoHS Complia	n New At Mouse	https://www.mo Gas Sens	or .	+55 C	-40 C		
523-PS19025 523-PS4H2S10	PS1-902-5 PS4-H2S-10	https://www 0.Lead-Time 6.Weeks 0.Lead-Time 6.Weeks	\$160.58 RoHS Complia	rr New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or Sulfur Dioxide (SO2)	+55 C	-40 C		
523-PS1-CO-100-MOD 523-PS1CH4S10	PS1-CO-100-MOD PS1-CH4S-10	https://sgxsc 0.Lead-Time 6 Weeks https://www 0.Lead-Time 6 Weeks	\$229.04		https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Monoxide (CO)	+55 C +55 C	-40 C -40 C		
523-PS4ETO200 523-PS4ETO200	PS4-ETO-200 PS4-SO2-100	https://www.0Lead-Time.6 Weeks https://www.0Lead-Time.6 Weeks https://www.0Lead-Time.6 Weeks	\$175.28 RoHS Complia	nr New At Mouse	i https://www.mo Gas Sens i https://www.mo Gas Sens i https://www.mo Gas Sens	or Ethylene Oxide (C2H4O)	+55 C +55 C	-40 C -40 C		
523-PS4CH4S10 523-PS1SO21000	PS4-CH4S-10 PS1-SO2-1000	https://www.0.Lead-Time.6.Weeks https://www.0.Lead-Time.6.Weeks	\$223.09 RoHS Complia \$122.03 RoHS Council	rr New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Methyl Mercaptan (CH4S) or Sulfur Dioxide (SO21	+55 C +55 C	-40 C -40 C		
523-PS1ETO1000 523-PS4ETO1000	PS1-ETO-1000 PS4-ETO-1000	https://www.0Lead-Time.6 Weeks https://www.0Lead-Time.6 Weeks	\$175.28 BoHS Complia	nt New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	v Ethylene Ovide (C2H4O)	+56 C +56 C	-40 C -40 C		
523-S0XNH3500 523-S0XCL25	9GX-NH3-500 9GX-CL2-5	https://www 0.Lead-Time 6.Weeks https://www 0.Lead-Time 6.Weeks	\$177.78 RoHS Complia	n New Product	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	ar Ammonia (NH3)	+55 C +55 C	-30 C -40 C		
523-9GXNH3100 523-PS4CL250	93X-NH3-100 PS4-CL2-50	https://www.0Lead-Time6Weeks https://www.0Lead-Time6Weeks	\$177.78 RoHS Complia	n New Product	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or Ammonia (NH3)	+50 C +40 C	-40 C -40 C		
523-PS1HCHO100 523-PS1SMELL10	PS1-HCHO-100 PS1-SMELL-10	https://www.0.Lead-Time.6.Weeks 0.Lead-Time.6.Weeks	\$122.03 RoHS Complia	nr New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or Formaldehyde (CH2O)	+55 C	-20 C		
523-PS1CL250 523-PS4PH32000	PS1-CL2-50 PS4-PH3-2000	https://www 0 Lead-Time 6 Weeks https://www 0 Lead-Time 6 Weeks	\$160.58 RoHS Complia \$223.09 RoHS Complia	rr New At Mouse rr New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or Chlorine (C12) or Phosphine (PH3)	+40 C +55 C	-20 C -40 C		
523-PS1SMOKE100 523-PS1-S02-5-MOD	PS1-SMOKE-100 PS1-SO2-5-MOD	0 Lead-Time 6 Weeks	\$94.91 RoHS Complia \$274.78	n New At Mouse	https://www.mo Gas Sens	or na Sulfaur Diowide (SO2)				
523-PS1-H2S-2-MOD 523-PS1-S02-100-MOD	PS1-H2S-2-MOD PS1-S02-100-MOD	https://www.0Lead-Time 10 Weeks https://www.0Lead-Time 10 Weeks	\$253.37 \$250.45		https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen (H)	+55 C	-40 C		
523-PS4-H2S-5000 523-SGX-HCL-30-MOD	PS4-H2S-5000 9GX-HCL-30-MOD	https://www.0Lead-Time 10 Weeks 0	\$164.34 \$478.36		https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrogen Sulfide (H2S)				
523-PS1-CO-10PROCMOI 523-PS0X-CLO2-5-MOD		0 0	\$249.20 \$478.36	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	Y				
523-IR12EJ 523-IR23BD	IR12EJ IR23BD	https://www.0 https://doni.0	\$144.76 RoHS Complia \$188.02 RoHS Complia	nt nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Hydrocarbon (HC)	+55 C +55 C	-20 C -20 C	3 V to 5 V 3 V to 5 V	IR1 Series 2 IR1 Series 1
523-PS1-HCHO-5-MOD 523-PS1-HCHO-5-MOD	PS1-HCHO-5-MOD 9GX-4CO-A	https://sgxss 0	\$183.38 \$84.00		https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or .				Series 1
523-PS1-CO-10000	PS1-CO-10000	https://www 0	\$94.91	verw At Mouse	https://www.mo Gas Sens	or Carbon Monoxide (CO)	+55 C	-40 C		
523-PS1-NO2-1000 523-PS1-SMELL-5-MOD 523-PS4-CO-10000	PS1-NO2-1000 PS1-SMELL-5-MOD PS4-CO-10000	https://www 0 https://ages 0	\$115.62 \$231.96 \$143.39		https://www.mo Gas Sers https://www.mo Gas Sers https://www.mo Gas Sers	or .	+55 C	-40 C		
523-PS4-CO-10000 523-PS4-SO2-1000 523-PS1-SMOKE-100MOD	PS4-SO2-1000	https://www 0 https://www 0	\$143.39 \$164.34 \$229.04		https://www.mo Gas Sera https://www.mo Gas Sera https://www.mo Gas Sera	v Sulfur Diovide (SO2)	+56 C	-40 C		
523-PS1-SMOKE-100MOD 523-PS1-NO2-100-MOD 523-PS1-SO2-50-MOD	PS1-NO2-100-MOD	https://sgxsc 0	\$250.45		https://www.mo Gas Sens	or Nitrogen Dioxide (NO2)	+56 C	-40 C		
523-EC4-1-CL02	PS1-S02-50-MOD EC4-1-CLO2	https://www.0 https://agesc.0	\$250.45 \$145.55 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Chlorine Dioxide (CIO2)	+50 C	-20 C		
523-PS1-CO-500-MOD 523-PS1-HCN-50	PS1-CO-500-MOD PS1-HCN-50	0 https://www.0	\$207.63 \$118.86		https://www.mo Gas Sens https://www.mo Gas Sens	or .	*55 C	-40 C		
523-PS4-HCN-5 523-PS1-HCN-5	PS4-HCN-5 PS1-HCN-5	https://www 0 https://www 0	\$209.17 \$142.73		https://www.mo Gas Sens https://www.mo Gas Sens	or .	-57.0		0.114-15	
523-IR32BC 523-IR21EM	IR32BC IR21EM	https://4doni 0 https://4doni 0	\$198.34 RoHS Complia \$150.37 RoHS Complia	ns	https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Dioxide (CO2)	+55 C +55 C	-20 C -20 C	3 V to 5 V 3 V to 5 V	IR1 Series
523-IR21GJ 523-IR21GM	IR21GJ IR21GM	https://4doni 0 https://4doni 0	\$158.52 RoHS Complia \$150.37 RoHS Complia	nt	https://www.mo Gas Sens https://www.mo Gas Sens	or Carbon Dioxide (CO2)	+55 C +55 C	-20 C -20 C	3 V to 5 V 3 V to 5 V	IR1 Series 1 IR1 Series 1
523-8GX-703-20 523-8GX-CL2-50-MOD	9GX-7O3-20 9GX-CL2-50-MOD	0	\$104.89 \$478.36		https://www.mo Gas Sens https://www.mo Gas Sens	or Chlorine (Cl2)				
523-8GX-NH3-1000-MOD 523-8GX-F2-5-MOD	9GX-F2-5-MOD	0	\$478.36 \$478.36	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or Ammonia (NH3) or				
523-90X-CL2-5-MOD 523-PS1-CO-2PROC-MOD			\$450.97 \$249.20	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or .				
523-PS4-VOC-10000 523-PS1-VOC-10000	PS4-VOC-10000 PS1-VOC-10000	https://www 0 https://www 0	\$143.39 \$94.91		https://www.mo. Gas Sens	or Total Volatile Organic Compound (TVOC or Total Volatile Organic Compound (TVOC	3)			
	PS1-PH3-20 PS1-NH3-100	https://sgx.c 0 https://sgx.c 0	\$142.73 \$122.03	New At Mouse	i https://www.mo Gas Sens i https://www.mo Gas Sens	or or Ammonia (NH3)	+55 C +55 C	-40 C -40 C	3.3V to 5.5V	
523-PS1-PH3-20 523-PS1-NH3-100	PS4-PH3-20 PS1-CL2-5	https://agx.c 0 https://www 0	\$209.17 \$142.73	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or or Chilorine (Cl2)				
523-PS1-NH3-100 523-PS4-PH3-20 523-PS1-CL2-5			\$142.73	New At Mouse	https://www.mo Gas Sens	or or Total Volatile Organic Compound (TVOC	+55 C	-40 C		
523-PS1-NH3-100 523-PS4-PH3-20	PS1-AsH3-1 PS1-VOC-2000	https://sgx.c 0 https://www 0	\$94.91		https://www.mo Gas Sens					
523-PS1-NH3-100 523-PS4-PH3-20 523-PS1-CL2-5 523-PS1-ASH3-1 523-PS1-VOC-2000 523-PS4-ASH3-1 523-PS4-VOC-2000	PS1-AsH3-1 PS1-VOC-2000 PS4-AsH3-1 PS4-VOC-2000		\$94.91 \$209.17 \$143.39		https://www.mo Gas Sens https://www.mo Gas Sens	or or Total Volatile Organic Compound (TVOC				
523-PS1-NH3-100 522-PS4-PH3-20 523-PS1-CL2-5 523-PS1-ASH3-1 523-PS1-VOC-2000 523-PS4-ASH3-1 523-PS4-VOC-2000 523-S0X-5CO-10K	PS1-AsH3-1 PS1-VOC-2000 PS4-AsH3-1 PS4-VOC-2000 SGX-5CO-10K PS1-VOC-2000-MOD	https://www.0 https://sgx.c.0 https://www.0 0 https://www.0	\$94.91 \$209.17 \$143.39 \$84.00 \$229.04		https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or or Total Volatile Organic Compound (TVOC or or Total Volatile Organic Compound (TVOC	:)			
523-PS1-NH3-100 523-PS1-PH3-20 523-PS1-CL2-5 523-PS1-VOC-2000 523-PS1-VOC-2000 523-PS1-VOC-2000 523-PS1-VOC-2000 523-PS1-VOC-2000-MOD 523-PS1-VOC-2000-MOD 523-PS1-SMELL-500MOD	PS1-AsH3-1 PS1-VDC-2000 PS4-AsH3-1 PS4-VDC-2000 93X-5CO-10K PS1-VDC-2000-MOD PS1-SMELL-500-MOD	https://www. 0 https://www. 0 https://www. 0 0 https://wyses 0 https://wyses 0	\$94.91 \$209.17 \$143.39 \$84.00 \$229.04 \$250.45	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or or Total Volatile Organic Compound (TVOC or or Total Volatile Organic Compound (TVOC or	:)			
523-PS1-NH3-100 523-PS1-21-PS1-20 523-PS1-21-25 523-PS1-4SH3-1 523-PS1-VOC-2000 523-PS1-VOC-2000 523-PS1-VOC-2000-MOD 523-PS1-VOC-2000-MOD 523-PS1-SMELL-500MOD 523-PS1-SMELL-500MOD 523-PS1-VOC-2000-MOD 523-PS1-VOC-2000-MOD	PS1-AsH3-1 PS1-VOC-2000 PS4-AsH3-1 PS4-VOC-2000 SOX-5CO-10K PS1-VOC-2000-MOD PS1-SMELL-500-MOD SOX-4CO-AF PS1-NO2-100	https://www. 0 https://wgv.c 0 https://www 0 0 https://wgvs 0 https://sgrss 0 https://www 0 https://www 0	\$94.91 \$209.17 \$143.39 \$84.00 \$229.04 \$250.45 \$84.00 \$94.91	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens	or or Total Volatile Organic Compound (TVOC) or or Total Volatile Organic Compound (TVOC) or or or or Notice (TVOC) or or Notice (TVOC)	+55 C	-40 C -40 C		
523-PS1-NH3-100 522-PS1-CL2-5 522-PS1-CL2-5 522-PS1-ASH3-1 523-PS1-VOC-2000 522-PS1-VOC-2000 523-PS1-VOC-2000-MOD 523-PS1-SMELL-500MOD 523-PS1-SMELL-500MOD 523-S0X-SCO-AF	PS1-AsH3-1 PS1-VOC-2000 PS4-AsH3-1 PS4-VOC-2000 90X-5CO-10K PS1-VOC-2000-MOD PS1-SMELL-500-MOD 90X-4CO-AF	https://www.0 https://www.0 https://www.0 0 https://wyxes.0 https://wyxes.0 https://wyxes.0 https://wyxes.0	\$94.91 \$209.17 \$143.39 \$84.00 \$229.04 \$250.45 \$84.00	New At Mouse	https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens https://www.mo Gas Sens	or in Total Volatile Organic Compound (TVOC) or in Total Volatile Organic Compound (TVOC) or in Total Volatile Organic Compound (TVOC) or in Vilrogen Dioxide (NO2) or Nilrogen Dioxide (NO2)	;) ;)	-40 C -40 C -40 C		

523-SGX-7H2S-200	93X-7H2S-200	https://sgxse 0	\$71.88 RoHS Compliant	https://www.mo Gas Sensor Hydrogen Sulfide (H2S)	+50 C	-30 C	1.3 V
523-PS1-HCHO-100-MOD	PS1-HCHO-100-MOD	https://agesc 0		https://www.mo Gas Sensor			
523-PS1-O3-100-MOD	PS1-03-100-MOD	https://www 0	\$356.87	https://www.mo Gas Sensor Ozone (O3)	+55 C	-40 C	3.3 V to 5.5
523-PS1-H2-1000-MOD	PS1-H2-1000-MOD	https://www.mouser.com/catalog/specsheets	\$250.45	https://www.mo Gas Sensor Hydrogen (H)	+55 C	-40 C	
523-PS4-HCN-50	PS4-HCN-50	https://www.mouser.com/catalog/specsheets	\$164.34	https://www.mo Gas Sensor			
523-P81-VOC-500-MOD	PS1-VOC-500-MOD	https://sgxsensortech.com/uploads/f_note/DS	\$229.04	https://www.mo Gas Sensor Total Volatile Organic Compound (TVOC)		

- Janes

		SGX models of se	nsors offered by Amphenol SGX S	Senso	rtech												
Datasheet https://sgx.odisto	DK Part# n 1782-PS1-CO-1000-ND	Mfr Part # PS1-CO-1000	Description SENSOR CARBON MONOXIDE	Stock 42	Price 34.69	@ atv #	4in Otv	Packase Bulk	Series PS1	Product State Active	S Type Carbon Monoxide (CO)	Accuracy		Operating Temperature -40°C ~ 55°C	Voltage - Supply	Current - Supply	Oxween Range 800 mbar ~ 1.2 bar
//mm.didikev.cor	1782-SGX-4GX-ND 11782-SGX-4H2S-100-ND	SGX-4GX SGX-4H2S-100	SENSOR OXYGEN CURRENT OUTPUT SENSOR HYDROGEN SULFIDE CUR OUT	42 40	50.17 49.38 55.37	0 1		Bulk Bulk	4	Active Active	Oxygen Hydrogen Sutfide (H2S)		Current	-30°C ~50°C -30°C ~50°C		- 300µA	- 800 mbar ~ 1200 mbar
//mm.digikey.cor	1782-SGX-7OX-ND 1782-SGX-4CO-ND	SGX-7GX SGX-4CO	SENSOR OXYGEN CURRENT OUTPUT SENSOR CARBON MONOXIDE	40 38	52.09	0 1		Bulk Bulk	7	Active Active	Oxygen Carbon Monoxide (CO)			-30°C ~50°C -30°C ~50°C		10mA -	800 mbar ~ 1200 mbar -
https://www.ssbs	e 1782-SGX-4SO2-ND e 1782-SGX-4NH3-1000-ND	SGX-4SG2 SGX-4NH3-1000	SENSOR SULFUR DIOXIDE CUR OUT SENSOR AMMONIA CURRENT OUTPUT	36 30	107.53 93.9	0 1		Bulk Bulk	4	Active Active	Sulfur Dioxide (SO2) Ammonia (NH3)			-30°C ~ 50°C -40°C ~ 50°C		100μA 300μA	800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://www.sgxs	n 1782-PS1-O3-5-ND n 1782-SGX-4NO2-ND n 1782-SGX-4OX-ROHS-ND	PS1-03-5 SGX-4NO2	SENSOR OZONE SPPM SENSOR NITROGEN DIOXIDE CUR OUT	28	96.07 58.6 72.72	0 1		Bulk Bulk	PS1 4	Active Active	Ozone (O3) Nitrogen Dioxide (NO2)			-20°C ~ 40°C -30°C ~ 50°C -40°C ~ 60°C		300µA	800 mbar ~ 1.2 bar 800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://www.says	8 1782-SGX-4GX-NGHS-ND 8 1782-EC4-1000-H2-ND 1 1782-PS1-H2S-100-ND	SGX-4GX-ROHS EC4-1000-H2 PS1-H2S-100	SENSOR OXYGEN CURRENT OUTPUT SENSOR HYDROGEN SENSOR HYDROGEN SULFIDE	25 22 21	72.72 112.45 71.8	0 1		Bulk Bulk Bulk	4 4 PS1	Active Active Active	Oxygen Hydrogen (H2) Hydrogen Sutfide (H2S)	-	- Current	-40°C ~ 50°C -40°C ~ 56°C		10μA -	800 mbar ~ 1200 mbar - 800 mbar ~ 1.2 bar
https://sex.odisto	1782-PS1-NO2-50-ND n 1782-PS4-O3-5-ND	PS1-NO2-50 PS4-O3-5	SENSOR NITROGEN DIOXIDE SENSOR OZONE SPPM	21	71.8	0 1		Bulk Bulk	PS1 PS4	Active Active	Nitrogen Dioxide (NO2) Ozone (O3)			-40°C ~ 55°C -20°C ~ 40°C			800 mbar ~ 1.2 bar 800 mbar ~ 1.2 bar
//mm.dialikev.cor	1782-SGX-4NH3-ND 1782-PS1-VGC-10-ND	SGX-4NH3 PS1-VOC-10	SENSOR AMMONIA SENSOR VOC 10PPM	21	117.38 57.46	0 1		Bulk Bulk	4 PS1	Active Active	Ammonia (NH3) Votatile Organic Compound (VOC)	-	-	-40°C ~50°C -40°C ~55°C	-	-	800 mbar ~ 1.2 bar
https://sex.odisto	1782-PS4-HCHO-5-ND 1782-PS4-WOC-200-ND	PS4-HCHO-5 PS4-VOC-200	SENSOR FORMALDEHYDE SPPM SENSOR VOC 200PPM	20	132.47	0 1		Bulk Bulk	PS4 PS4	Active Active	Formaldehyde (HCHO) Volatile Organic Compound (VOC)	:	:	-20°C ~ 55°C -40°C ~ 55°C		:	800 mbar ~ 1.2 bar 800 mbar ~ 1.2 bar
https://sgx.odisto	1782-PS1-VOC-200-ND 1782-PS4-CO-1000-ND	PS1-VOC-200 PS4-CO-1000	SENSOR VOC 200PPM SENSOR CARBON MONOXIDE UART OUT	19	57.46 88.71	0 1		Bulk Bulk	PS1 PS4	Active Active	Volatile Organic Compound (VOC) Carbon Monoxide (CO)	:	-	-40°C ~ 55°C -40°C ~ 55°C		-	800 mbar ~ 1.2 bar 800 mbar ~ 1.2 bar
https://say.orfistr	1782-PS1-O3-100-ND	PS1-O3-100 PS4-H2S-500	SENSOR OZONE 10099M	17	96.07 110.89	0 1		Bulk	PS1	Active Active	Ozone (OS)			-20°C ~ 40°C -40°C ~ 55°C			800 mbar ~ 1.2 bar 800 mbar ~ 1.2 bar
	n 1782-PS4-H2S-500-ND n 1782-PS1-CO-10-MOD-ND n 1782-PS1-H2-1000-ND	PS1-CO-10-MOD PS1-H2-1000	SENSOR HYDROGEN SULFIDE 500PPM SENSOR CARBON MONOXIDE UART OUT SENSOR HYDROGEN 1000PPM	16 16	215.97	0 1		Bulk Bulk Bulk	PS4 PS1 PS1	Active	Hydrogen Sutfide (H2S) Carbon Monoxide (CO) Hydrogen (H2)	*5%	UART .	-40°C ~ 55°C -40°C ~ 55°C	3.3V~5.5V	5mA	800 mbar ~ 1.2 bar
https://sax.cdisto	1782-PS4-H2S-100-ND a 1782-EC4-20-S02-ND	PS4-H2S-100 EC4-20-SO2	SENSOR HYDROGEN SULFIDE SENSOR SULFUR DIOXIDE	16	132.47 139.87	0 1		Bulk Bulk	PS4 4	Active Active	Hydrogen (H2) Hydrogen Sulfide (H2S) Sulfur Dicoide (SO2)			-40°C ~ 55°C -20°C ~ 40°C			800 mbar ~ 1.2 bar
https://sex.odisto	n 1782-EC4-2000-SO2-ND	EC4-2000-SO2 PS1-O2-25% PS4-SO2-50	SENSOR SULFUR DIOXIDE SENSOR OXYGEN SENSOR SULFUR DIOXIDE SUPPM	14 14	144.21 92.66 132.47	0 1		Bulk	4	Active Active	Sulfur Dicoide (SO2) Deggen (O2) Sulfur Dicoide (SO2)			-20°C ~ 50°C			
	ii 1782-PS1-O2-25%-ND ii 1782-PS4-SO2-50-ND ii 1782-SGX-4NO-250-ND			14 14	113.66	0 1		Bulk Bulk Bulk	PS1 PS4 4	Active Active	Nitric Oxide (NO)		- Current	- -30°C~50°C		- 300µА	- 800 mbar ~ 1200 mbar
https://sax.odisto https://sax.odisto	1782-PS1-H2S-500-ND 1782-PS1-HCHO-5-ND	PS1-H2S-500 PS1-HCHO-5	SENSOR HYDROGEN SULFIDE SENSOR FORMALDEHYDE SPPM	13 13	57.46 71.8	0 1		Bulk Bulk	PS1 PS1	Active Active	Hydrogen Sulfide (H2S) Formaldehyde (HCHO)			-40°C ~ 55°C -20°C ~ 55°C			800 mbar ~ 1.2 bar 800 mbar ~ 1.2 bar
https://sgx.cdisto //mm.digikey.cor	1782-PS4-VOC-10-ND 1782-PS4-O2-25%-ND	PS4-VOC-10 PS4-O2-25%	SENSOR VOC 10PPM SENSOR OXYGEN	13 12	110.89 164.07	0 1		Bulk Bulk	PS4 PS4	Active Active	Volatile Organic Compound (VOC) Oxygen (O2)			-40°C ~ 55°C -20°C ~ 55°C			800 mbar ~ 1.2 bar -
https://www.ssbs	n 1782-EC4-2000-NO-ND n 1782-PS1-VOC-1000-ND	EC4-2000-NO PS1-VOC-1000	SENSOR NITRIC OXIDE SENSOR VOC UART OUTPUT	11 10	149.22 42.63	0 1		Bulk Bulk	4 PS1	Active Active	Nitric Oxide (NO) Volatile Organic Compound (VOC)	:	1	-20°C ~50°C -40°C ~55°C	-	-	800 mbar ~ 1.2 bar
//mm.dislikev.cor	1782-SGX-BR2-5-ND 1782-SGX-F2-5-ND	SGX-BR2-5 SGX-F2-5	SENSOR BROMINE SPPM SENSOR FLUORINE SPPM	10	314.23 314.23	0 1		Bulk Bulk	SGX	Active Active	Bromine (Br) Fluorine (F)			-20°C ~ 40°C -20°C ~ 40°C			
https://sex.odisto	1782-SGX-HCL-30-ND r 1782-PS1-VOC-10-MOD-ND	SGX-HCL-30 PS1-VOC-10-MOD	SENSOR HYDROGEN CHLORIDE SENSOR VOC UART OUTPUT	9	271.04	0 1		Bulk Bulk	SGX PS1	Active Active	Hydrogen Chloride (HCI) Volatile Oreanic Compound (VOC)	*5%	- UART	-20°C ~ 40°C -40°C ~ 55°C	3.3V~5.5V	- 5mA	:
https://sgx.odisto	n 1782-PS4-NO2-50-ND n 1782-PS1-CO-100-ND	PS4-NO2-50 PS1-CO-100	SENSOR NITROGEN DIOXIDE 50PPM SENSOR CARBON MONOXIDE	8	132.47 57.46	0 1		Bulk Bulk	PS4 PS1	Active Active	Nitrogen Dioxide (NO2) Carbon Monoxide (CO)	-	-	-40°C ~ 55°C -40°C ~ 55°C	-	-	800 mbar ~ 1.2 bar 800 mbar ~ 1.2 bar
//mm.dislikev.cor	1782-PS1-NO2-5-MOD-ND 1782-PS1-SO2-50-ND	PS1-NO2-5-MOD PS1-SO2-50	SENSOR NITROGEN DIOXIDE SPPM SENSOR SULFUR DIOXIDE SUPPM	6	315.95 71.8	0 1		Bulk Bulk	PS1 PS1	Active Active	Nitrogen Dioxide (NO2) Sulfur Dioxide (SO2)	:	1	-	-	-	:
https://sex.odisto	1782-PS4-VOC-1000-ND	PS4-VOC-1000	SENSOR VOC 1000PPM	6	88.71	0 1		Bulk Bulk	PS4 SGX	Active Active	Volatile Organic Compound (VOC) Hartrogen Fluoriste (HF)			-40°C ~ 55°C -20°C ~ 55°C			800 mbar ~ 1.2 bar 800 mbar ~ 1.2 bar
https://sgxenso https://www.saxi	1782-951-IAQ-10-MOD-ND 1782-951-IAQ-10-MOD-ND 1782-EC4-1-CL02-ND	PS1-IAQ-10-MOD EC4-1-CLO2	SENSOR AIR QUALITY 10PPM SENSOR CHLORINE DIOXIDE	5	294.01 168.65	0 1		Bulk Bulk	PS1 4	Active Active	Air Quality Chlorine Dioxide (CIO2)	:	1	-20°C ~50°C	-	-	:
			SENSOR HYDROGEN SENSOR OZONE SPPM	3	310.65 315.95	0 1		Bulk	PS1	Active Active	Hydrogen (H2) Ozone (O3)	:	:	-		:	1
https://sgx.cdisto	1782-PS1-O3-5-MOD-ND n 1782-PS4-CO-100-ND n 1782-EC4-200-CL2-ND	PS1-O3-5-MOD PS4-CO-100 EC4-200-CL2	SENSOR CARBON MONOXIDE	3	110.89	0 1		Bulk Bulk Bulk	PS1 PS4 4	Active Active	Carbon Monoxide (CO)			-40°C ~ 55°C -20°C ~ 50°C			800 mbar ~ 1.2 bar
https://www.sats	a 1782-PS1-HCHO-1-MOD-ND a 1782-EC4-10-ETO-ND	PS1-HCHO-1-MOD EC4-10-ETO	SENSOR FORMALDEHYDE 1PPM SENSOR ETO 10PPM	1 0	201.48 150.447	0 1	10	Bulk Bulk	PS1 4	Active Active	Formaldehyde (HCHO) Ethylene Oxide (C2H4O)	:	1	-20°C ~50°C	-	-	800 mbar ~ 1.2 bar
//mm.digikey.cor	ii 1782-EC4-100-ETO-ND ii 1782-EC4-100-H28-ND			0	150.543 75.3985	0 3	10	Bulk	4	Obsolete Active				-20°C ~ 50°C			
https://www.sgxs https://www.sgxs	e 1782-EC4-1000-H2S-ND e 1782-EC4-20-NO2-ND	EC4-100-H2S EC4-1000-H2S EC4-20-NO2	SENSOR HYDROGEN SULFIDE SENSOR HYDROGEN SULFIDE SENSOR NITROGEN DIGKIDE 20PPM	0	91.9325 123.641	0 2	10	Bulk Bulk Bulk	4	Obsolete Active	Hydrogen Sulfide (H2S) Hydrogen Sulfide (H2S) Nitrogen Dioxide (NO2)			-20°C ~50°C -20°C ~50°C -20°C ~50°C			
//mm.dialikev.com https://www.saxi	1782-EC4-20-PH3-ND 1782-EC4-2000-CO-ND	EC4-20-PH3 EC4-2000-CO	SENSOR PHOSPHINE 20PPM SENSOR CARBON MONOXIDE	0	175.194 64.302		10	Bulk Bulk	4	Active Obsolete	Phosphine (PH3) Carbon Monoxide (CO)			-20°C ~50°C -20°C ~50°C			
https://www.sgxs https://www.ssxs	e 1782-EC4-250-NO-ND e 1782-EC4-50-CL02-ND	EC4-250-NO EC4-50-CLO2	SENSOR NITRIC OXIDE SENSOR CHLORINE DIOXIDE	0	162.59 138.106	0 1	10	Bulk Bulk	4	Obsolete Active	Nitric Oxide (NO) Chlorine Disside (CIO2)			-20°C ~50°C -20°C ~50°C			
https://www.saxs //mm.dialikev.com	1782-EC4-500-CO-ND 11782-EC4-500-ETO-ND	EC4-500-CO EC4-500-ETO	SENSOR CARBON MONOXIDE SENSOR ETO 500PPM	0	74.899 111.695		10	Bulk Bulk	4	Active Obsolete	Carbon Monoxide (CO) Ethylene Oxide (C2H4O)			-20°C ~50°C -20°C ~50°C			
https://spsenso	b 1782-PID-10.6EV-10KB-ND b 1782-PID-10.6EV-40A-ND	PID-10.6EV-10KB PID-10.6EV-40A	PID SENSOR 10.6EV LAMP, MDL 500P PID SENSOR 10.6EV LAMP, MDL 1PPB	0	808.55 63.03	0 1		Bulk Bulk	SGX	Active Active	Air Quality Air Quality		Voltage Voltage	-40°C ~ 65°C -40°C ~ 65°C	3.6V~10V 3.2V~3.6V	32mA 32mA	0 mbar ~ 250 bar 0 mbar ~ 1 bar
https://sexsenso	ti 1782-PS1-ASH3-1-ND	PS1-ASH3-1 PS1-CL2-5	ARSINE 1PPM CHLORINE 5PPM	0	99.82	0 1		Bulk Bulk	PS1 PS1	Active Active	Arsine (AsH3) Chlorine (CL2)	:	Voltage	-40°C ~ 55°C -20°C ~ 40°C		:	0 mbar ~ 25 mbar 0 mbar ~ 125 mbar
https://spsienso	1782-PS1-CO-100-MOD-ND 1782-PS1-CO-1000-MOD-ND	PS1-CO-100-MOD PS1-CO-1000-MOD	CARBON MONOXIDE 100PPM SENSOR CARBON MONOXIDE	0	124.74 246.42	0 1		Bulk Bulk	PS1 PS1	Active Active	Carbon Monoxide (CO) Carbon Monoxide (CO)	+5%	UART	-40°C ~ 85°C -40°C ~ 55°C	3.3V~5.5V	4mA	0 mbar ~ 2.5 bar 800 mbar ~ 1.2 bar
https://seysenso	1782-PS1-CO-10000-ND	PS1-CO-10000 PS1-CO-500-MOD	CARBON MONOXIDE 10KPPM CARBON MONOXIDE 500PPM	0	70.71 124.74	0 1		Bulk	PS1	Active Active	Carbon Monoxide (CO)	*5%	Voltage UART	-40°C ~ 55°C -20°C ~ 55°C	3.3V~5.5V	- 5mA	0 mbar ~ 250 bar 0 mbar ~ 12.5 bar
	1782-PS1-CO-500-MOD-ND 1782-PS1-CO-5MOKE-10K-ND to 1782-PS1-H2-1000-MOD-ND	PS1-CO-SMOKE-10K PS1-H2-1000-MOD	SENSOR CARBON MONOXIDE HYDROGEN 1000PPM	0	74.81	0 1		Bulk Bulk Bulk	PS1 PS1 PS1	Active	Carbon Monoxide (CO)	*5%	UART	-10°C ~ 45°C -40°C ~ 85°C	3.3V~5.5V	5mA	800 mbar ~ 1200 mbar 0 mbar ~ 25 bar
https://spsienso	6 1782-PS1-H2-1000-MOD-ND 6 1782-PS1-H2-20000-ND 6 1782-PS1-H2S-100-MOD-ND	PS1-H2-20000 PS1-H2S-100-MOD	HYDROGEN 20KPPM HYDROGEN SULFIDE 100PPM	0	79.56 79.56	0 1		Bulk Bulk	PS1 PS1	Active Active	Hydrogen (H2) Hydrogen (H2) Hydrogen Sulfide (H2S)	+5%	Voltage UART	-40°C ~ 55°C 0°C ~ 40°C	3.3V~5.5V	5mA	0 mbar ~ 2.5 bar
		PS1-H2S-2-MOD PS1-H2S-5000	HYDROGEN SHILEIDE 199M	0	166.92	0 1		Bulk	PS1	Active Active	Hydrogen Sulfide (H2S) Hydrogen Sulfide (H2S)	*5%	UART Voltage	0°C ~ 40°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 50 mbar 0 mbar ~ 125 bar
	to 1782-PS1-H2S-5000-ND to 1782-PS1-H2S-5000-ND to 1782-PS1-HCHO-100-MOD-ND to 1782-PS1-HCHO-5-MOD-ND	PS1-HCHO-100-MOD PS1-HCHO-5-MOD	HYDROGEN SULFIDE SKPPM FORMALDEHYDE 100PPM FORMALDEHYDE SPPM	0	166.92 108.6	0 1		Bulk Bulk Bulk	PS1 PS1 PS1	Active Active	Formaldehyde (HCHO) Formaldehyde (HCHO)	*10%		0°C~40°C	3.3V~5.5V	- 5mA	800 mbar ~ 1200 mbar 0 mbar ~ 125 bar
https://sexenso	b 1782-PS1-HCN-5-ND b 1782-PS1-HCN-50-ND	PS1-HCN-5 PS1-HCN-50	HYDROGEN CYANIDE SPPM HYDROGEN CYANIDE SOPPM	0	114.41 167.61	0 1		Bulk Bulk	PS1 PS1 PS1	Active Active	Hydrogen Cyanide (HCN) Hydrogen Cyanide (HCN)	:	Voltage Voltage	-20°C ~55°C -20°C ~55°C	:	:	0 mbar ~ 125 mbar 0 mbar ~ 1250 mbar
httns://sevsensn	1782-PS1-NH3-10-ND n 1782-PS1-NH3-100-ND	PS1-NH3-10	SENSOR AMMONIA AMMONIA 100PPM	0	168.59	0 1		Bulk	PS1	Active Active	Ammonia (NH3) Ammonia (NH3)			-40°C ~ 55°C			0 mbar ~ 2.5 bar
https://sexsenso	t 1782-PS1-NH3-100-MOD-ND t 1782-PS1-NO2-100-ND	PS1-NH3-100 PS1-NH3-100-MOD PS1-NO2-100	AMMONIA 100PPM NITROGEN DIOXIDE 100PPM	0	167.61 167.61	0 1		Bulk Bulk Bulk	PS1 PS1 PS1	Active Active	Ammonia (NH3) Nitrogen Dioxide (NO2)	*5%		0°C ~ 40°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 2.5 bar 0 mbar ~ 1250 mbar
https://sgxsenso	b 1782-PS1-NO2-100-MOD-ND b 1782-PS1-NO2-1000-ND	PS1-NO2-100-MOD PS1-NO2-1000	NITROGEN DIOXIDE 100PPM NITROGEN DIOXIDE 1000PPM	0	200.28	0 1		Bulk Bulk	PS1 PS1	Active Active	Nitrogen Dioxide (NC2) Nitrogen Dioxide (NC2)	+5%	UART	0°C ~ 40°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 2.5 bar 0 mbar ~ 25 bar
	1782-PS1-NO2-2-ND t 1782-PS1-NO2-50-MOD-ND	PS1-NO2-2 PS1-NO2-50-MOD	SENSOR NITROGEN DIOXIDE NITROGEN DIOXIDE 50PPM	0	168.59	0 1		Bulk Bulk	PS1 PS1	Active Active	Nitrogen Dioxide (NO2) Nitrogen Dioxide (NO2)	*5%		-40°C ~ 55°C 0°C ~ 40°C	3.3V~5.5V	5m4	800 mbar ~ 1200 mbar 0 mbar ~ 1250 mbar
https://sexsenso	1782-PS1-O2-25%-MOD-ND 1782-PS1-O3-100-MOD-ND	PS1-O2-25%-MOD PS1-O3-100-MOD	OXYGEN MODULE 25% OZONE 100PPM	0	200.28	0 1		Bulk Bulk	PS1 PS1	Active Active	Oxygen (O2) Ozone (O3)	*5%	UART	-40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 2.5 bar
https://sgxenso	1782-PS1-PH3-20-ND 1782-PS1-PH3-2000-ND	PS1-PH3-20 PS1-PH3-2000	PHOSPHINE 20PPM SENSOR PHOSPHINE	0	200.28	0 1		Bulk Bulk	PS1 PS1	Active Active	Phosphine (PH3) Phosphine (PH3)	-	Voltage	-40°C ~ 55°C -40°C ~ 55°C	-	-	0 mbar ~ 500 mbar 800 mbar ~ 1200 mbar
https://spsenso	b 1782-PS1-SMELL-5-MOD-ND b 1782-PS1-SMELL-500-MOD-ND	PS1-SMELL-5-MOD PS1-SMELL-500-MOD	SMELL SPPM	0	248.04 220.72	0 1		Bulk Bulk	PS1 PS1	Active Active	Air Quality Air Ouality	*5%	UART	0°C ~ 40°C -40°C ~ 85°C	3.3V~5.5V 3.3V~5.5V	5mA 5mA	0 mbar ~ 125 mbar 0 mbar ~ 12.5 bar
https://sgxsenso	to 1782-PS1-SMOKE-100-MOD-ND to 1782-PS1-S02-100-MOD-ND	PS1-SMOKE-100-MOD PS1-SQ2-100-MOD	SMOKE 100PPM SULFUR DIOXIDE 100PPM	0	248.04 248.04	0 1		Bulk Bulk	PS1 PS1	Active Active	Air Quality Sulfur Dicoide (SO2)	+5%	UART	0°C~40°C	3.3V~5.5V	5mA	0 mbar ~ 2.5 bar 0 mbar ~ 2.5 bar
	1782-PS1-S02-1000-ND	PS1-SO2-1000	SENSOR SHI FUR DIOXIDE	0	125.98 168.59	0 1		Bulk	PS1	Active Active	Sulfur Dicoide (SO2) Sulfur Dicoide (SO2)			-40°C ~ 55°C			800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://spsenso	1782-PS1-S02-5-ND b 1782-PS1-S02-5-MOD-ND b 1782-PS1-S02-50-MOD-ND	PS1-S02-5 PS1-S02-5-MOD PS1-S02-50-MOD	SENSOR SULFUR DIOXIDE SULFUR DIOXIDE SPPM SULFUR DIOXIDE SOPPM	0	248.04 248.04	0 1		Bulk Bulk Bulk	PS1 PS1 PS1	Active	Sulfur Dioxide (SO2) Sulfur Dioxide (SO2)	+5%	UART	-40°C ~ 55°C -40°C ~ 55°C -40°C ~ 55°C	3.3V~5.5V 3.3V~5.5V	5mA 5mA	0 mbar ~ 1250 mbar 0 mbar ~ 1250 mbar
https://sposenso	t 1782-PS1-VOC-1000-MOD-ND t 1782-PS1-VOC-1000-MOD-ND	PS1-VOC-1000-MOD PS1-VOC-10000	VOC 1000PPM VOC 10KPPM	0	246.42 234.81	0 1		Bulk Bulk	SGX PS1	Active Active	Volatile Organic Compound (VOC) Volatile Organic Compound (VOC)	+5%	UART	-40°C ~ 85°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 1250 mbar 0 mbar ~ 25 bar 0 mbar ~ 250 bar
		PS1-VOC-2000 PS1-VOC-2000-MOD	VOC 2000PPM VOC 2000PPM	0	247	0 1		Bulk		Active Active		*5%	Voltage	-40°C ~ 55°C -40°C ~ 55°C	3.3V~5.5V		0 mbar ~ 50 bar 0 mbar ~ 50 bar
https://spsienso	1782-PS1-VOC-2000-MOD-ND 1782-PS1-VOC-500-MOD-ND 1782-PS4-AOI-10-MOD-ND	PS1-VOC-500-MOD PS4-AQI-10-MOD	VOC 500PPM INDOOR AIR QUALITY 10PPM	0	247 268.83	0 1		Bulk Bulk Bulk	PS1 PS1 PS4	Active Active	Volatile Organic Compound (VOC) Volatile Organic Compound (VOC) Air Quality	+5%	UART	-40°C ~ 55°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 12.5 bar 0 mbar ~ 250 mbar
	1782-PS4-AQI-200-MOD-ND t 1782-PS4-ASH3-1-ND	PS4-AQI-200-MOD PS4-ASH3-1	INDOOR AIR QUALITY 200PPM ARSINE 1PPM	0	268.83 268.83	0 1		Bulk Bulk	PS4 PS4	Active Active	Air Quality Arsine (AsH3)		UART	-40°C ~ 55°C -40°C ~ 55°C			0 mbar ~ 5 bar 0 mbar ~ 25 mbar
	1782-PS4-CH4S-100-MOD-ND 1782-PS4-CL2-5-ND	PS4-CH4S-100-MOD PS4-CL2-5	METHYL MERCAPTAN 100PPM CHLORINE 5PPM	0	268.83 268.83	0 1		Bulk Bulk	PS4 PS4	Active Active	Methyl Mercaptan (CH4S) Chlorine (CL2)		UART	-40°C ~ 55°C -20°C ~ 40°C			0 mbar ~ 2.5 bar 0 mbar ~ 125 mbar
:	1782-PS4-CO-10%-MOD-ND 1782-PS4-CO-10-MOD-ND	PS4-CO-10%-MOD PS4-CO-10-MOD	CARBON MONOXIDE 10% CARBON MONOXIDE 10PPM	0	268.83 291.01	0 1		Bulk Bulk	PS4 PS4	Active Active	Carbon Monoxide (CO) Carbon Monoxide (CO)	+5% +5%	UART	-40°C ~ 85°C -40°C ~ 85°C	3.3V~5.5V 3.3V~5.5V	5mA 5mA	0 mbar ~ 250 mbar 0 mbar ~ 250 mbar
	1782-PS4-CO-100-MOD-ND 1782-PS4-CO-1000-MOD-ND	PS4-CO-100-MOD PS4-CO-1000-MOD	CARBON MONOXIDE 100PPM CARBON MONOXIDE 1000PPM	0	291.01 291.01	0 1		Bulk Bulk	PS4 PS4	Active Active	Carbon Monoxide (CO) Carbon Monoxide (CO)	+5%	UART	-40°C ~ 85°C	3.3V~5.5V	4mA	0 mbar ~ 2.5 bar 0 mbar ~ 25 bar
	1782-PS4-CO-10000-ND 1782-PS4-CO-2%-MOD-ND	PS4-CO-10000 PS4-CO-2%-MOD	CARBON MONOXIDE 10KPPM CARBON MONOXIDE 2%	0	368.84	0 1		Bulk Bulk	PS4 PS4	Active Active	Carbon Monoxide (CO) Carbon Monoxide (CO)	:	Voltage	-40°C ~ 55°C -40°C ~ 55°C	-	-	0 mbar ~ 250 bar
https://sgx.odisto	1782-PS4-H2-1000-ND 1782-PS4-H2-1000-MOD-ND	PS4-H2-1000 PS4-H2-1000-MOD	SENSOR HYDROGEN 1000PPM HYDROGEN 1000PPM	0	132.47 291.01	0 1		Bulk Bulk	PS4 PS4	Active Active	Hydrogen (H2) Hydrogen (H2)	+5%	- UART	-40°C ~ 55°C -40°C ~ 85°C	3.3V~5.5V	- 5mA	800 mbar ~ 1.2 bar 0 mbar ~ 25 bar
https://spsienso	1782-PS4-H2-20000-ND 1782-PS4-H2-4%-MOD-ND	PS4-H2-20000 PS4-H2-4%-MOD	HYDROGEN 20KPPM HYDROGEN 4%	0	291.01 291.01	0 1		Bulk Bulk	PS4 PS4	Active Active	Hydrogen (H2) Hydrogen (H2)	+5%	Voltage UART	-40°C ~ 55°C -40°C ~ 55°C	3.3V~5.5V	5mA	
	1782-PS4-H2S-100-MOD-ND 1782-PS4-H2S-50-MOD-ND	PS4-H2S-100-MOD PS4-H2S-50-MOD	HYDROGEN SULFIDE 100PPM HYDROGEN SULFIDE 50PPM	0	271.87 315.95	0 1		Bulk Bulk	PS4 PS4	Active Active	Hydrogen Sulfide (H2S)	*5%	UART -	-40°C ~ 55°C -	3.3V~5.5V	5mA	0 mbar ~ 2.5 bar 0 mbar ~ 1250 mbar
https://spsenso	1782-PS4-H2S-500-MOD-ND t 1782-PS4-H2S-5000-ND	PS4-H2S-500-MOD PS4-H2S-5000	HYDROGEN SULFIDE 500PPM HYDROGEN SULFIDE 5KPPM	0	288.66 294.01	0 1		Bulk Bulk	PS4 PS4	Active Active	Hydrogen Sutlide (H2S) Hydrogen Sutlide (H2S) Hydrogen Sutlide (H2S)			-40°C ~ 55°C			0 mbar ~ 12.5 bar 0 mbar ~ 125 bar
	1782-PS4-H2S-5000-MOD-ND 1782-PS4-HCHO-100-MOD-ND 1782-PS4-HCHO-5-MOD-ND	PS4-H2S-5000-MOD PS4-HCHO-100-MOD	HYDROGEN SULFIDE 5000PPM FORMALDEHYDE 100PPM	0	323.88 310.65	0 1		Bulk Bulk	PS4 PS4	Active Active	Hydrogen Sulfide (H2S) Formaldehyde (HCHO)	*5%	UART	-40°C ~ 55°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 125 bar 0 mbar ~ 2.5 bar
- https://søxenso	ti 1782-PS4-HCN-5-ND	PS4-HCHO-105-MOD PS4-HCHO-5-MOD PS4-HCN-5	FORMALDEHYDE SPPM HYDROGEN CYANIDE SPPM	0	340.75 340.75	0 1		Bulk Bulk Bulk	PS4 PS4 PS4	Active Active Active	Formaldehyde (HCHO) Hydrogen Cyanide (HCN)	*10%	Voltage	-40°C ~ 55°C 0°C ~ 40°C -20°C ~ 55°C	3.3V~5.5V -	5mA	0 mbar ~ 2.5 bar 0 mbar ~ 125 bar 0 mbar ~ 125 mbar
	1782-PS4-HCN-50-ND 1782-PS4-HCN-50-MOD-ND	PS4-HCN-50 PS4-HCN-50-MOD	HYDROGEN CYANIDE 50PPM HYDROGEN CYANIDE 50PPM	0	340.75 370.76	0 1		Bulk Bulk	PS4 PS4 PS4 PS4	Active Active	Hydrogen Cyanide (HCN) Hydrogen Cyanide (HCN)		Voltage UART	-20°C ~ 55°C -40°C ~ 55°C			0 mbar ~ 1250 mbar 0 mbar ~ 1250 mbar
	ti 1782-PS4-NH3-100-ND ti 1782-PS4-NO2-100-ND 1782-PS4-NO2-100-MOD-ND	PS4-NH3-100 PS4-NG2-100	AMMONIA 100PPM NITROGEN DIOXIDE 100PPM	0	370.76	0 1		Bulk Bulk Bulk	PS4	Active Active	Ammonia (NH3) Nitrogen Dioxide (NO2) Nitrogen Dioxide (NO2)	-	Voltage Voltage	-40°C ~ 55°C -40°C ~ 55°C		-	0 mbar ~ 2.5 bar 0 mbar ~ 1250 mbar
https://spsenso	1782-PS4-NO2-100-MOD-ND 1782-PS4-NO2-1000-ND 1782-PS4-NO2-1000-MOD-ND	PS4-NG2-100-MOD PS4-NG2-1000 PS4-NG2-1000-MOD	NITROGEN DIOXIDE 100PPM NITROGEN DIOXIDE 1000PPM NITROGEN DIOXIDE 1000PPM	0	370.76 370.76 370.76	0 1		Bulk Bulk Bulk	PS4 PS4 PS4 PS4 PS4 PS4 PS4	Active Active Active	Nitrogen Dioxide (NO2)		UART	-40°C ~ 55°C -40°C ~ 55°C			0 mbar ~ 2.5 bar 0 mbar ~ 25 bar 0 mbar ~ 25 bar
	1782-PS4-NO2-1000-MOD-ND 1782-PS4-NO2-5-MOD-ND 1782-PS4-NO2-50-MOD-ND	PS4-NO2-1000-MOD PS4-NO2-5-MOD PS4-NO2-50-MOD	NITROGEN DIOXIDE 1000PPM NITROGEN DIOXIDE 5PPM NITROGEN DIOXIDE 50PPM	0	370.76 370.76 370.76	0 1		Bulk Bulk Bulk	PS4	Active Active Active	Nitrogen Dioxide (NO2) Nitrogen Dioxide (NO2) Nitrogen Dioxide (NO2)	-	- UART	- -40°C ~55°C		-	0 mbar ~ 25 bar 0 mbar ~ 125 mbar 0 mbar ~ 1250 mbar
	1782-PS4-02-25%-MOD-ND	PS4-02-25%-MOD	OXYGEN 25%	0	370.76	0 1		Bulk	PS4	Active	Oxygen (O2)	-	UART			5mA	
ntuos://sabsienso	1782-PS4-O3-100-ND 1782-PS4-O3-100-MOD-ND 1782-PS4-O3-5-MOD-ND	PS4-O3-100 PS4-O3-100-MOD PS4-O3-5-MOD	OZONE 100PPM OZONE 100PPM OZONE 5PPM	0	370.76 370.76 370.76	0 1		Bulk Bulk Bulk	PS4 PS4 PS4	Active Active Active	Ozone (OS) Ozone (OS) Ozone (OS)	*5%	UART UART	-20°C ~ 40°C -40°C ~ 55°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 2.5 bar 0 mbar ~ 2.5 bar 0 mbar ~ 125 mbar
	1782-PS4-03-50-MOD-ND	PS4-03-50-MOD	OZONE SIPPM OZONE SOPPM PHOSPHINE 20PPM	0	370.76	0 1		Bulk	PS4	Active	Ozone (O3)		UART	-40°C ~ 55°C	-	-	0 mbar ~ 1250 mbar
ntuos://sabsienso	1782-PS4-PH3-20-ND 1782-PS4-PH3-2000-ND 1782-PS4-SMELL-10-MOD-ND	PS4-PH3-20 PS4-PH3-2000 PS4-SMELL-10-MOD	PHOSPHINE 20PPM SENSOR PHOSPHINE SMELL 10PPM	0	370.76 250.52 370.76	0 1		Bulk Bulk Bulk	PS4 PS4 PS4 PS4 PS4	Active Active Active	Phosphine (PH3) Phosphine (PH3) Air Quality	-	Voltage - UART	-40°C ~ 55°C -40°C ~ 55°C -40°C ~ 55°C		-	0 mbar ~ 500 mbar 800 mbar ~ 1200 mbar 0 mbar ~ 250 mbar
	1782-PS4-SMELL-10-MOD-ND ti 1782-PS4-SMELL-500-MOD-ND ti 1782-PS4-S02-100-ND	PS4-SMELL-500-MOD PS4-S02-100	SMELL 500PPM SENSOR SULFUR DIOXIDE	0	370.76 202.28	0 1		Bulk Bulk	PS4	Active Active	Air Quality Sulfur Disoide (SO2)	+5%	UART	-40°C ~ 85°C -40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 250 mbar 0 mbar ~ 12.5 bar 800 mbar ~ 1200 mbar
	1782-PS4-S02-100-ND 1782-PS4-S02-100-MOD-ND b 1782-PS4-S02-1000-ND	PS4-SO2-100 PS4-SO2-100-MOD PS4-SO2-1000	SENSOR SULFUR DIOXIDE SULFUR DIOXIDE 100PPM SULFUR DIOXIDE 1000PPM	0	202.28 400.48 404.71	0 1		Bulk Bulk Bulk	PS4 PS4 PS4	Active Active Active	Sulfur Dicxide (SO2) Sulfur Dicxide (SO2) Sulfur Dicxide (SO2)		- Voltage	-40°C ~55°C - -40°C ~55°C			800 mbar ~ 1200 mbar 0 mbar ~ 2.5 bar 0 mbar ~ 25 bar
- nttps://appaienso	1782-PS4-902-1000-ND 1782-PS4-902-1000-MOD-ND 1782-PS4-902-5-MOD-ND	PS4-S02-1000-MOD PS4-S02-5-MOD	SULFUR DIOXIDE 1000PPM SULFUR DIOXIDE 5PPM	0	400.48	0 1		Bulk	PS4		Sulfur Dioxide (SO2) Sulfur Dioxide (SO2)	-	- HART	-40°C ~55°C	3.3V~5.5V		0 mbar ~ 25 bar
	1782-PS4-S02-5-MOD-ND 1782-PS4-S02-50-MOD-ND 1782-PS4-VOC-10-MOD-ND	PS4-S02-5-MOD PS4-S02-50-MOD PS4-VOC-10-MOD	SULFUR DIOXIDE SPPM SULFUR DIOXIDE SOPPM VOC 10PPM	0	400.48 400.48	0 1		Bulk Bulk Bulk	PS4 PS4 PS4	Active Active Active	Sulfur Dicoide (SC2)	+5% +5% +5%	UART	-40°C ~55°C -40°C ~55°C -40°C ~55°C	3.3V ~ 5.5V 3.3V ~ 5.5V 3.3V ~ 5.5V	5mA 5mA	0 mbar ~ 125 mbar 0 mbar ~ 1250 mbar 0 mbar ~ 250 mbar
	1782-PS4-VOC-1000-MOD-ND 1782-PS4-VOC-1000-MOD-ND 1782-PS4-VOC-10000-ND	PS4-VOC-10:MOD PS4-VOC-1000-MOD PS4-VOC-10000	VOC 10PPM VOC 1000PPM VOC 10KPPM	0	400.48	0 1		Bulk Bulk Bulk	PS4 SGX PS4 PS4	Active Active Active	Volatile Organic Compound (VOC) Volatile Organic Compound (VOC) Volatile Organic Compound (VOC)	*5%	UART	-40°C ~ 55°C -40°C ~ 85°C -40°C ~ 55°C	3.3V~5.5V 3.3V~5.5V	5mA 5mA	0 mbar ~ 25 bar
	1782-PS4-VOC-10000-MOD-ND	PS4-VOC-10000-MOD	VOC 10000PPM VOC 2000PPM	0	400.48 400.48	0 1		Bulk	PS4	Active		+5%	UART	-40°C ~55°C -40°C ~55°C -40°C ~55°C	3.3V~5.5V	5mA	0 mbar ~ 250 bar 0 mbar ~ 250 bar 0 mbar ~ 5 bar
https://sexsenso	1782-PS4-VOC-200-MOD-ND 1782-PS4-VOC-2000-ND	PS4-VOC-200-MOD PS4-VOC-2000 PS4-VOC-2000 MOD	VOC 2000PPM	0	400.48	0 1		Bulk Bulk	PS4 PS4 PS4	Active Active	Volatile Organic Compound (VOC) Volatile Organic Compound (VOC) Volatile Organic Compound (VOC)	*5% - *5%	UART Voltage	-40°C ~ 55°C	3.3V~5.5V -	5mA - 5mA	0 mbar ~ 50 bar
https://www.sabs	1782-PS4-VOC-2000-MOD-ND n 1782-SGX-4CL2-ND	PS4-VOC-2000-MOD SGX-4CL2 SGX-4CO-10K	VOC 2000PPM SENSOR CHLORINE CURRENT OUTPUT SENSOR CARR MONOY CHROSTAT OUTF	0	400.48 81.9395 57.6805	0 2	10	Bulk Bulk Bulk	PS4 4 4	Active Active	Chiprine (CI2)			-40°C ~ 55°C -20°C ~ 50°C	3.3V ~ 5.5V -	300µA	0 mbar ~ 50 bar 800 mbar ~ 1200 mbar
https://www.sgs	1782-SGX-4CO-10K-ND 1782-SGX-4CO-LC-ND 1782-SGX-4DT-ND	SGX-4CO-10K SGX-4CO-LC SGX-4DT	SENSOR CARB MONOX CURRENT OUT SENSOR CARB MONOX CURRENT OUT SENSOR CARB MONOX CURRENT OUT	0	57.6805 30.094 59.3075	0 2	10	Bulk Bulk Bulk	4	Active Active Active	Carbon Monoxide (CO) Carbon Monoxide (CO) Carbon Monoxide (CO), Hydrogen Sulfide (H2S)		Current	-30°C ~50°C -30°C ~50°C -30°C ~50°C		300µA 300µA 300µA	800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://www.ssbs	e 1782-SGX-4ETO-ND	SGX-4ETO	SENSOR ETO CURRENT OUTPUT	0	89.79	0 2	10	Bulk	4	Active	Ethylene Oxide (C2H4O)			-20°C ~ 50°C		300µA 300µA	800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://sexsenso https://www.sgbs	1782-SGX-4H2S-ND 1782-SGX-4H2S-300-ND	SGX-4H2S SGX-4H2S-300	SENSOR HYDROGEN SULFIDE SENSOR HYDROGEN SULFIDE CUR OUT	0		0 1	10	Bulk Bulk	4	Active Active	Hydrogen Sutfide (H2S) Hydrogen Sutfide (H2S)			-30°C ~50°C -30°C ~50°C		- 300µА	800 mbar ~ 1200 mbar
	1782-SGX-4H2S-5000-ND a 1782-SGX-4NH3-100-ND a 1782-SGX-4NH3-300-ND	SGX-4H2S-5000 SGX-4NH3-100 SGX-4NH3-300	SENSOR HYDROGEN SULFIDE CUR OUT SENSOR AMMONIA CURRENT OUTPUT SENSOR AMMONIA CURRENT OUTPUT	0	54.73 86.38 86.38	0 2	10	Bulk Bulk Bulk	SGX 4	Active Active Active	Hydrogen Sutfide (H2S) Ammonia (NH3) Ammonia (NH3)		Current	-30°C ~ 50°C -40°C ~ 50°C -40°C ~ 50°C		- 300µА 300µА	800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://www.sgxs	e 1782-SGX-4NO2-2E-ND	SGX-4NO2-2E	SENSOR NITROGEN DIOXIDE CUR OUT	0	40.4655	0 2	10	Bulk	4	Active	Nitrogen Dioxide (NO2)		Current	-30°C ~ 50°C		300µA	800 mbar ~ 1200 mbar
https://sexsenso https://www.sexs	b 1782-SGX-4G3-20-ND e 1782-SGX-4GX-EL-ND	SGX-403-20 SGX-40X-EL	4 SERIES OZONE SENSOR 20PPM SENSOR OXYGEN CURRENT OUTPUT SENSOR CHLORINE CURRENT OUTPUT	0		0 1	10	Bulk Bulk	SGX 4	Active Active	Ozone (OS) Oxygen Chlorine (CI2)		Current	-30°C ~50°C -30°C ~50°C	1.3V	1A 10mA	0 mbar ~ 500 mbar 800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://www.sgxs	e 1782-SGX-7CL2-ND e 1782-SGX-7CO-ND e 1782-SGX-7ETO-ND	SGX-7CL2 SGX-7CO SGX-7ETO	SENSOR CHLORINE CURRENT OUTPUT SENSOR CARB MONOX CURRENT OUT SENSOR ETO CURRENT OUTPUT	0	50.7115	0 2	10	Bulk Bulk Bulk	7	Active Active Active	Chlorine (CI2) Carbon Monoxide (CO) Ethylene Oxide (C2H4O)		Current	-20°C ~50°C -30°C ~50°C -20°C ~50°C		300µA 300µA 300µA	800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://www.says	e 1782-SGX-7ETO-ND e 1782-SGX-7H2S-100-ND e 1782-SGX-7H2S-200-ND	SGX-7ETO SGX-7H2S-100 SGX-7H2S-200	SENSOR ETO CURRENT OUTPUT SENSOR HYDROGEN SULFIDE CUR OUT SENSOR HYDROGEN SULFIDE CUR OUT	0	89.79 50.7115 50.7115	0 2	10	Bulk Bulk Bulk	7	Active	Ethylene Oxide (C2H4O) Hydrogen Sulfide (H2S) Hydrogen Sulfide (H2S)		Current	-20°C ~50°C -40°C ~50°C -40°C ~50°C		JuoquA -	⊷u moar ~ 1200 mbar -
https://www.ssbs	e 1782-SGX-7H2S-200-ND e 1782-SGX-7NH3-100-ND e 1782-SGX-7NH3-1000-ND	S03-7NH3-100	SENSOR HYDROGEN SULFIDE CUR OUT SENSOR AMMONIA CURRENT OUTPUT SENSOR AMMONIA CURRENT OUTPUT	0	86.38	0 2	10	Bulk	7	Active Active	Ammonia (NH3)	-	Current	-40°C ~50°C		300µA	800 mbar ~ 1200 mbar
https://www.sgxs	e 1782-SGX-7NO-100-ND	SGX-7NH3-1000 SGX-7NO-100	SENSOR NITRIC OXIDE CURRENT OUT	0	86.38 89.456	0 2	10	Bulk Bulk	7	Active Active	Ammonia (NH3) Nitric Oxide (NO)		Current	-40°C ~50°C -30°C ~50°C		300µA 300µA	800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar
https://www.ssbs	e 1782-SGX-7NO2-ND e 1782-SGX-7SO2-ND	SGX-7NO2 SGX-7SO2 SGX-AGX	SENSOR NITROGEN DIOXIDE CUR OUT SENSOR SULFUR DIOXIDE CUR OUT	0	84.6485	0 2		Bulk Bulk	7	Active Active	Nitrogen Dioxide (NO2) Sulfur Dioxide (SO2)	-	Current	-30°C ~50°C -30°C ~50°C	0.004	300µA 100µA	800 mbar ~ 1200 mbar 800 mbar ~ 1200 mbar 600 mbar ~ 2 hor
https://sgxsenso	1782-SGX-AOX-ND 1782-SGX-BLD1-24V-ND	SGX-BLD1-24V SGX-BLD2-24V	FAST RESPONSE AUTOMOTIVE EMISSIO SENSOR HYDROGEN CAN OUTPUT SENSOR HYDROGEN CAN OUTPUT	0	558.03 57.18	0 1		Bulk Bulk	SGX	Active Active	Orygen (O2) Hydrogen (H2)	+0.4%	CAN	-20°C ~ 50°C -40°C ~ 85°C	0.9V 32V	500mA 28mA	500 mbar ~ 2 bar -
https://saxsenso	b 1782-SGX-BLD2-24V-ND b 1782-SGX-BR2-5-MOD-ND	SGX-BR2-5-MOD	BROMINE SENSOR MODULE SPPM	0	60.87 558.03	0 1		Bulk Bulk	SGX	Active Active	Hydrogen (H2) Bromine (Br)	±4% ±5%	CAN	-40°C ~ 85°C -40°C ~ 55°C	3.3V ~ 5.5V	5mA	0 mbar ~ 125 mbar
nttps://sgssenso	b 1782-SGX-CL2-5-ND b 1782-SGX-CL2-50-ND	SGX-CL2-5 SGX-CL2-50	SENSOR CHLORINE 4 SERIES CHLORINE 50PPM	0	372.53 558.03	0 1		Bulk Bulk	SCX	Active Active	Chlorine (CL2) Chlorine (CL2)	1	Voltage	-20°C ~ 40°C -20°C ~ 40°C			0 mbar ~ 1250 mbar

https://sgssensorti 1782-SGX-CL2-50-MOD-ND	SCX-CL2-50-MOD	CHLORINE SENSOR MODULE 50PPM	0	616.57	0	1	Bulk	SCX	Active	Chlorine (CL2)	+5%	UART	-40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 1250 mbar
https://søxensorti.1782-SGX-CO-H2S-LP-ND	SOX-CO-H2S-LP	SENSOR AIR QUALITY CURRENT OUT	0	81.01	0	1	Bulk	SCX	Active	Air Quality		Current	-30°C ~ 50°C			800 mbar ~ 1200 mbar
https://sexsensorti.1782-SGX-EOX-ND	SGX-EGX	LONG LIFE-TIME INDUSTRIAL OXYGEN	0	616.57	0	1	Bulk	SCX	Active	Oxygen (O2)		Voltage	-20°C ~50°C	0.9V	500mA	500 mbar ~ 2 bar
https://sgxsensorti 1782-SGX-H2S-LP-ND	SGX-H2S-LP	SENSOR HYDROGEN SULFIDE CUR OUT	0	63.47	0	1	Bulk	SCX	Active	Hydrogen Sutfide (H2S)		Current	-30°C ~50°C			800 mbar ~ 1200 mbar
https://sgxsensorti 1782-SGX-HF-10-MOD-ND	SGX-HF-10-MOD	HYDROGEN FLUORIDE 10PPM	0	209.86	0	1	Bulk	SCX	Active	Hydrogen Fluoride (HF)	+5%	UART	-40°C ~ 55°C	3.3V ~ 5.5V	5mA	0 mbar ~ 250 mbar
- 1782-SGX-NH3-100-ND	S0X-NH3-100	SENSOR AMMONIA CURRENT OUTPUT	0	216.88	0	1	Bulk	SCX	Active	Ammonia (NH3)		Current	-40°C ~ 50°C			800 mbar ~ 1200 mbar
https://sabsensorb.1782-SGX-NH3-1000-MOD-ND	S0X-NH3-1000-MOD	4 SERIES AMMONIA SENSOR MODULE -	0	858.23	0	1	Bulk	SCX	Active	Ammonia (NH3)	+5%	UART	-40°C ~ 55°C	3.3V~5.5V	5mA	0 mbar ~ 25 bar
https://sgxsensorti 1782-SGX-NH3-500-ND	SGX-NH3-500	SENSOR AMMONIA	0	216.88	0	1	Bulk	SCX	Active	Ammonia (NH3)			-30°C ~55°C			800 mbar ~ 1200 mbar
https://sexensorb.1782-SGX-OX-ROHS-LP-ND	SGX-OX-ROHS-LP	SENSOR OXYGEN CURRENT OUTPUT	0	68.61	0	1	Bulk	SCX	Active	Oxygen		Current	-40°C ~ 60°C			800 mbar ~ 1200 mbar
https://sexensorb.1782-SGX-SURECO-ND	SGX-SURECO	4 SERIES CO SENSOR - 1 000PPM	0	Active	0	0	Bulk	SCX	Active	Air Quality		Current	-30°C ~ 50°C	1.3V	1A	0 mbar ~ 25 bar