

sensoriX

sensors made in germany

SATELLIX SENSORS 2023

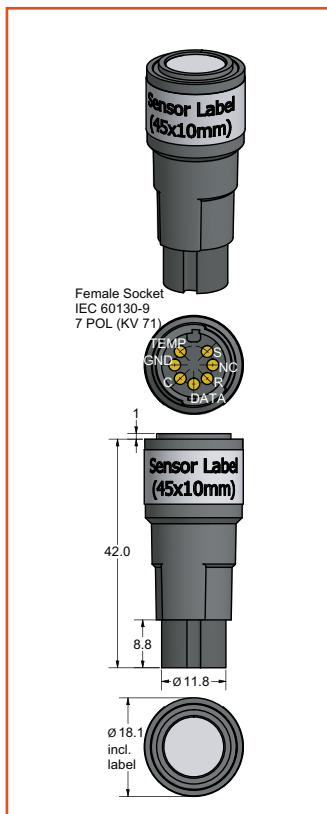


SATELLIX GAS SENSORS

This product range includes replacement sensors for Satellite XT transmitters. All Satellix sensor formats have a dedicated socket and a programmed EPROM. They are designed and developed to detect over 30 gases used in the semiconductor processes.

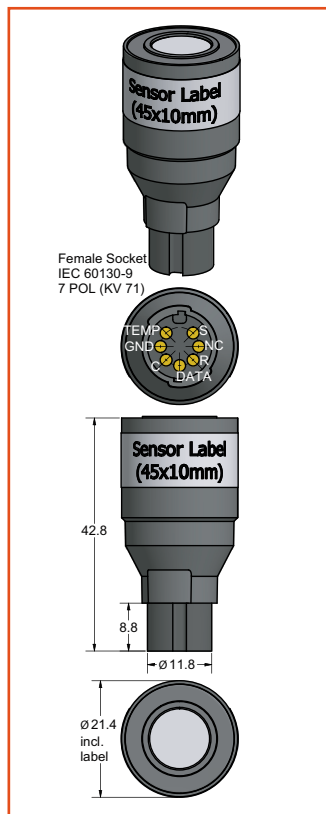
Satellix Standard

This dimension is an electro-chemical sensor that can be used to detect most of the gases that we offer in our range.



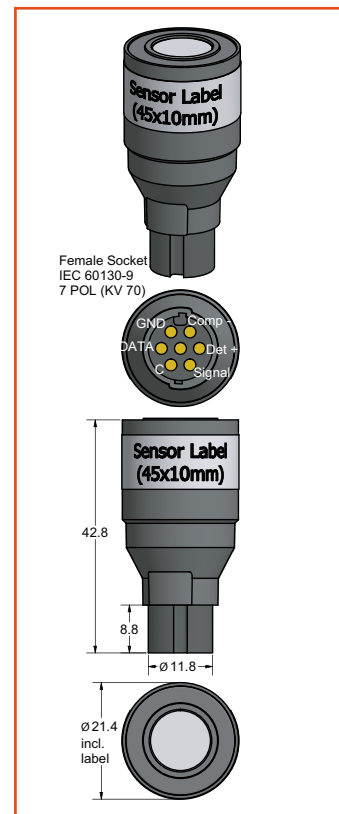
Satellix 4S

This electrochemical sensor is designed to detect SO₂, NO, NO₂ and O₂ gases.



Satellix LEL

This Satellix sensor format features pellistors for LEL monitoring.



REFERENCE TABLE

Sensor type	Satellix Part Number	C/W Satellite Part Number	Datasheet
Hydrogen (H2) 0.01 - 1.000 %v/v	AN141S11	9602-5100	Open here
Hydrogen (H2) 0.05 - 4.00 %v/v	AN142S11	9602-5101	Open here
Hydrogen Sulfide (H2S) 2 - 100 ppm	AN061S11	9602-5200	Open here
Chlorine (Cl2) 0.15-5.00 ppm	AN071S11	9602-5300	Open here
Chlorine (Cl2) (low LDL) 0.1-5.0 ppm	AN071S17	9602-5301	coming soon
Carbon Monoxide (CO) 10 - 500 ppm	AN041S11	9602-5400	Open here
Carbon Monoxide (CO) (low LDL) 5.0 – 50.0 ppm	AN041S17	9602-5401	Open here
Oxygen (O2) 0.0 - 25.0 %v/v	AN271S11	9602-5501	Open here
Hydrogen Selenide (SeH2) (Gel) 0.05 - 5.00 ppm	AN227S11	9602-5600	Open here
Hydrogen Selenide (SeH2) (LT) 0.05 - 5.00 ppm	AN257S11	9602-5601	Open here
Hydrogen Cyanide (HCN) 1.0 - 30.0 ppm	AN081S11	9602-5700	Open here
Hydrogen Chloride (HCl) 1.0 - 30.0 ppm	AN121S11	9602-5800	Open here
Sulfur Dioxide (SO2) 0.5 - 25.0 ppm	AN262S11	9602-5900	Open here
Sulfur Dioxide (SO2) (low LDL) 0.4 - 5.0 ppm	AN262S17	9602-5901	coming soon
Arsine (AsH3) (2E CS zero H2) 0.03-1.00 ppm – no EPROM	AN234E14	9602-6000	Open here
Arsine (AsH3) (2E zero H2) 0.03-1.00 ppm	AN234S11	9602-6000	Open here
Arsine (AsH3) (zero H2) 0.03-1.00 ppm	AN232S11	9602-6000	Open here
Arsine (AsH3) (Gel) 0.03-1.00 ppm	AN222S11	9602-6001	Open here
Arsine (AsH3) (zero H2) 0.5-10.0 ppm	AN237S11	9602-6002	Open here
Arsine (AsH3) (zero H2 low LDL) 0.01-1.00 ppm	AN232S17	9602-6003	Open here
Arsine (AsH3) (LT) 0.03-1.00 ppm	AN252S11	9602-6004	Open here



Sensor type	Satellix Part Number	C/W Satellite Part Number	Datasheet
Arsine (AsH ₃) (LT low LDL) 0.01-1.00 ppm	tbd	9602-6005	--
Phosphine (PH ₃) (2E zero H ₂) 0.05 - 1.00 ppm	AN235S11	9602-6100	Open here
Phosphine (PH ₃) (zero H ₂) 0.05 - 1.00 ppm	AN231S11	9602-6100	Open here
Phosphine (PH ₃) (Gel) 0.05 - 1.00 ppm	AN221S11	9602-6101	Open here
Phosphine (PH ₃) (LT) 0.05 - 1.00 ppm	AN251S11	9602-6102	Open here
Diborane (B ₂ H ₆) (Gel) 0.05-1.00 ppm	AN224S11	9602-6200	Open here
Diborane (B ₂ H ₆) (Gel low LDL) 0.02-1.00 ppm	AN224S17	9602-6201	coming soon
Diborane (B ₂ H ₆) (LT) 0.05-1.00 ppm	AN254S11	9602-6202	Open here
Diborane (B ₂ H ₆) (LT low LDL) 0.02-1.00 ppm	AN254S17	9602-6203	Open here
Silane (SiH ₄) (Gel) 1.0 - 50.0 ppm	AN223S11	9602-6300	Open here
Silane (SiH ₄) (LT) 1.0 - 50.0 ppm	AN253S11	9602-6301	Open here
Fluorine (F ₂) 0.05-5.00 ppm	AN073S11	9602-6400	Open here
Fluorine (F ₂) 1 - 30 ppm	AN074S11	9602-6401	coming soon
Fluorine (F ₂) (low LDL) 0.02-1.00 ppm	AN073S17	9602-6402	coming soon
Hydrogen Fluoride (HF) 0.5 - 10.0 ppm	AN131S11	9602-6500	Open here
Phosgene (COCl ₂) 0.05 - 1.00 ppm	AN171S11	9602-6600	Open here
Ammonia (NH ₃) 5-100 ppm	AN011S11	9602-6704	Open here
Ammonia (NH ₃) 15-1000 ppm	AN012S11	9602-6705	Open here
Hexamethyldisilazane (HMDS) 5 - 500 ppm	AN013S11	9602-6714	Open here
Hexamethyldisilazane (HMDS) 0.010 - 0.500 %v/v	AN014S11	9602-6715	Open here
Bromine (Br ₂) 0.05-5.00 ppm	AN072S11	9602-6800	Open here
Germane (GeH ₄) (Gel) 0.1-5.0 ppm	AN225S11	9602-6900	Open here
Germane (GeH ₄) (Gel low LDL) 0.04-1.00 ppm	AN225S17	9602-6901	coming soon
Germane (GeH ₄) (LT) 0.1-5.0 ppm	AN255S11	9602-6902	Open here
Germane (GeH ₄) (LT low LDL) 0.10-1.00 ppm	tbd	9602-6903	--

Sensor type	Satellix Part Number	C/W Satellite Part Number	Datasheet
Hydrogen Bromide (HBr) 1.0 - 30.0 ppm	AN122S11	9602-7000	Open here
Hydrogen Bromide (HBr) (low LDL) 0.5 - 5.0 ppm	AN122S17	9602-7001	coming soon
Ozone (O3) 0.05 - 1.00 ppm	AN051S11	9602-7100	Open here
Ozone (O3) 0.05 - 1.00 ppm (exhaust)	AN053S11	9602-7101	Open here
Nitric Oxide (NO) 5 - 250 ppm	AN152S11	9602-7200	Open here
Nitrogen Dioxide (NO2) 0.5 - 25.0 ppm	AN161S11	9602-7300	Open here
Chlorine Dioxide (ClO2) 0.03-1.00 ppm	AN211S11	9602-7400	Open here
Chlorine Trifluoride (ClF3) 0.03-1.00 ppm	AN215S11	9602-7410	Open here
Tetraethyl Orthosilicate (TEOS) 5 - 100 ppm	AN043S11	9602-7500	Open here
Trimethyl Borate (TMB) 5 - 500 ppm	AN044S11	9602-7510	Open here
Hydrazine (N2H4) 0.02 - 1.00 ppm	AN181S11	9602-7600	coming soon
1,2 trans Dichloroethylene (DCE) 0-1000 ppm (For Pyrolyzer Only)	AN123S11	9602-9600	Open here
Nitrogen Trifluoride (NF3) 1 - 50 ppm (For Pyrolyzer Only)	AN134S11	9602-9700	Open here
Sulfur Hexafluoride (SF6) 0 - 0.500 %v/v (For Pyrolyzer Only)	AN138S11	9602-9710	coming soon
Methyl Fluoride (CH3F) 0 - 0.0500 %v/v (For Pyrolyzer Only)	AN137S11	9602-9720	Open here
Octafluorocyclopentene (C5F8) 0.5 - 20.0 ppm (Low Flow Pyrolyzer Only)	AN133S11	9602-9730	Open here
Hexafluorobutadiene (C4F6) 0-50 ppm (For Pyrolyzer Only)	AN132S11	9602-9732	coming soon
Lower Explosive Limit (LEL) 5 - 100% LEL	AN281S11	9602-9900	Open here
Lower Explosive Limit (LEL) 5 - 100% LEL	AN281S18	9602-9902	Open here
Lower Explosive Limit (LEL) (low LDL) 3 - 100% LEL	AN281S17	9602-9904	coming soon

INFORMATION NOTE:

C/W = compatible with.

The table is sorted by Satellite PN. Other sort modes are available upon request.

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