








Gas Sensors

Low-Cost Electrochemical Toxic Gas Sensors for Residential and Light Commercial Applications

	Part Number	Description
	NAP-505	Our flagship Low-Cost 3-Electrode Carbon monoxide (CO) sensor, 0-1000ppm
	NAP-508	Low-Cost 3-Electrode Carbon monoxide (CO) sensor, 0-1000ppm, 10 Year Warranted Lifetime
	NAP-550	Low-Cost Nitrogen Dioxide (NO2) sensor, 0-30ppm, Ideal for Car-Park Monitoring Systems
	NAP-520	Low-cost Hydrogen Sulphide (H2S) Gas Sensor, 0-100ppm







Please contact Microtech for individual datasheet of each series

Low-cost Catalytic Flammable (Explosive) Gas Sensors for Residential and Light Commercial Applications

	Part Number	Description
	NAP-55A	Standard low-cost Gas Sensor, For General Purpose use - all flammable Gases, 0-50%LEL
	NAP-50A	As NAP-55A, but optimised for Methane / Natural Gas - low cross sensitivity to Alcohol vapours - complies with EN50194 Standard
	NAP-66A	As NAP-55A, but optimised to detect Butane, Propane, LPG. 0-50% LEL
	NAP-56A	Similar to NAP-55A, but mounted in a metal and phenolic resin header to allow a wider working temperature range (-40 to +70 deg C)
	NAP-67A	Similar to NAP-66A, but mounted in a metal and phenolic resin header to allow a wider working temperature range (-40 to +70 deg C)

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Catalytic Pellistor Flammable (Explosive) Gas Sensors For Industrial Applications









	Part Number	Description
	NCP-180S-7S	Our highest performance Pellistor - for the most challenging applications. Single header, 2.5V - 180mA operation
	NCP-180S-6S	Our standard, most popular single header pellistor gas sensor for industrial applications. 2.5V - 180mA operation
	NCP-300	Twin Header Pellistor mounted on two TO4 Glass-metal headers. 2V, 300mA operation
	NCP-170	Twin Header Pellistor mounted on two TO4 Glass-metal headers. 2V, 175mA operation
	NCP-180	Twin Header Pellistor mounted on two TO4 Glass-metal headers. 2.5V, 180mA operation
	NCP-180S	As NCP-180 but mounted on a single lower cost header. 0-50% LEL, 2.5V, 180mA operation




	<p>NCP-170S-H</p>	<p>As NCP-170 but mounted on a single lower cost header. -20 to 150°C, 2.0V, 175mA operation</p>
	<p>NCP-300S</p>	<p>As NCP-300 but mounted on a single lower cost header. 0-50% LEL, 2.0V, 300mA operation</p>
	<p>NCP-180-A</p>	<p>Special Twin header sensor optimised for the detection of Acetylene. 2V, 145mA operation</p>
	<p>NCH-180</p>	<p>ATEX ad IEC Certified Explosion proof Flammable Gas Detection head. 2.5V, 180mA operation</p>

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Electrochemical Toxic Gas Sensors for Industrial Safety Applications





	Part Number	Description
	Ozone - NE4-O3	New Ozone sensor for environmental monitoring of Ozone (O ₃) down to 0.03ppm (30ppb) in air Output 600nA/ppm, range 0-20ppm.
	NE4-CO	3-Electrode Carbon Monoxide CO sensor. 70nA/ppm, Standard range 0-1000ppm
	NE4-CO-SI	Lower cost version of the NE4-CO, for cost sensitive applications such as Car-Parks. 50nA/ppm, 0-1000ppm
	NE7-CO	32mm format standard Carbon monoxide CO sensor. 100 nA/ppm, Range 0-1000ppm
	NE4-H2S-100	3-Electrode Hydrogen Sulphide (H ₂ S) Sensor. 700nA/ppm, Standard Range 0-100ppm
	NE4-H2S-200	3-Electrode Hydrogen Sulphide (H ₂ S) Sensor. 500nA/ppm, Extended Range 0-200ppm

	NE4-H2S-500	3-Electrode Hydrogen Sulphide (H ₂ S) Sensor. 200nA/ppm, Special High Range 0-500ppm
	NE7-H2S	General purpose 3-Electrode Hydrogen Sulphide (H ₂ S) Sensor. Standard 32mm dia. type. 400nA/ppm, Range 0-20ppm
	NE7-H2S-S	Special low range application 3-Electrode Hydrogen Sulphide (H ₂ S) Sensor 3000nA/ppm, Range 0-10ppm
	NE4-HCHO-S	3-Electrode Formaldehyde CH ₂ O Sensor. 500nA/ppm, Standard Range 0-10ppm, resolves down to 0.02 ppm
	NE4-NO2	3-Electrode Nitrogen Dioxide NO ₂ Sensor. 200nA/ppm, Standard Range 0-30ppm
	NE7-NO2	3-Electrode Nitrogen Dioxide NO ₂ Sensor. 720nA/ppm, Standard Range 0-30ppm
	NE4-NH3	3-Electrode Ammonia NH ₃ Sensor. 40nA/ppm, Standard Range 0-100ppm
	NE4-NH3-1000	3-Electrode Ammonia NH ₃ Sensor. 8nA/ppm, Extended Range 0-1000ppm

	NE4-NH3-5000	3-Electrode Ammonia NH ₃ Sensor. 4nA/ppm, Extended Range 0-5000ppm
	NE4-NO	3-Electrode Nitric Oxide NO Sensor. 400nA/ppm, Standard Range 0-250ppm.
	NE4-CL2	3-electrode Chlorine Cl ₂ sensor. 600nA/ppm, Standard Range 0-10ppm

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Gas Sensors for Special Applications

	Part Number	Description
	NAP-78SU	Special Gas Sensor for continuous monitoring for Incomplete combustion in Water Heating Appliances (Boilers/Furnaces)
	NCP-180P	Special Gas Sensor for the monitoring of Flammable gas attacks on ATM machines (Cash Dispensers)
	NAP-523	Special Gas Sensor for monitoring of low levels of H ₂ S in Medical Breath Testing instruments
	NE7-CO-H	Special 4- Electrode Carbon monoxide sensor with zero cross-sensitivity to Hydrogen. Range 0-1,000ppm



NE7-CO-H10000

**Special 4- Electrode Carbon monoxide sensor with zero cross-sensitivity to Hydrogen.
Special High Range 0-10,000ppm**

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