

Noventis Technologies

Gas Detection Transmitter

MICROSENSE



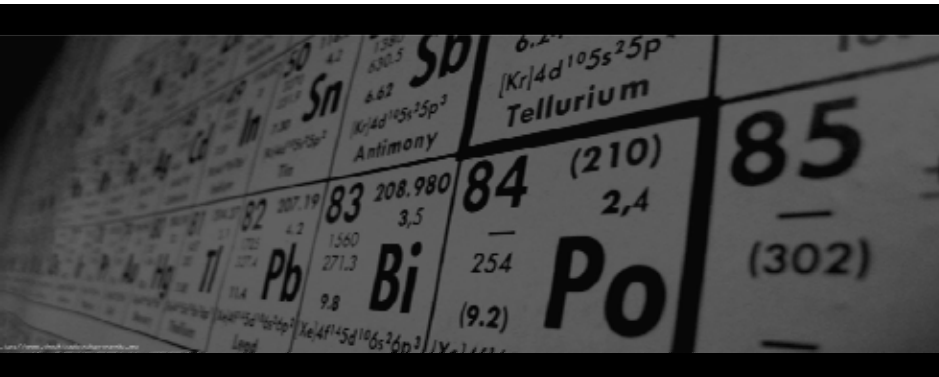
Noventis Microsense Gas Transmitter

The Microsense is a single gas safe area detector that meets the requirements for economic and reliable monitoring of gas levels in a wide range of environments and applications. It offers a wide range of gas sensors covering most toxic gases as well as oxygen.

The unit offers easy access for installation of field wiring, simple sensor removal and replacement, easy calibration using trim pots and cable entry from back of its enclosure. All sensors are temperature compensated, which results in enhanced stability compared to similar products available on the market.

Providing discrete monitoring and enhanced aesthetics, the Noventis Microsense gas detector is the ideal solution for reliable, low-cost fixed-point monitoring.

- wide range of sensors
- transmitter only, no display
- rugged and reliable
- high quality and intensively tested sensors
- 4-20 mA output option
- abs housing
- easy maintenance and calibration via trim pots
- sensors are temperature compensated
- low cost of ownership






Noventis Technologies
Gas Detection & Life Safety

www.noventis.com.au | p. 1300 76 34 76

Specifications

CONNECTIVITY		ENCLOSURE	
Gases	Various, see below	Dimensions	113 (h) x 80 (w) x 90 (d) mm
Power requirement	10-32 VDC	Material	ABS
Output	4-20mA – 2 wire / current loop powered	Weight	120 grams
EMC compliance	AS/NZS 61000-3-2	Protection	IP 62

AVAILABLE GASES										
Gas	Fml	Range	Product code	Sensor	LT Drift	Repeatability	Humidity (N/C)	Temperature	T90 Resp. time	Pressure Var
Ammonia	NH3	0-100 ppm	600105	3E100SE	10%/year	1% of signal	15 to 90%	-40°C to +40°C	<60 seconds	Atm ± 10%
Carbon Monoxide	CO	0-100 ppm	600115	3E	<2%/year	1% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Carbon Monoxide	CO	0-500 ppm	600117	3E/F	<2%/year	1% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Carbon Monoxide	CO	0-2000 ppm	600118	3F	<2%/year	1% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Carbon Monoxide	CO	0-20,000 pp	600119	3F/F	<2%/year	1% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Hydrogen	H2	0-2000 ppm	600128	3HYT	<2%/month	2% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Hydrogen	H2	0-5 %	600129	3HYE	<2%/month	2% of signal	15 to 90%	-20°C to +50°C	<70 seconds	Atm ± 10%
Hydrogen Sulphide	H2S	0-100 ppm	600135	3H	<2%/month	1% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Hydrogen Chloride	HCL	0-50 ppm	600144	3HL	<2%/month	2% of signal	15 to 90%	-20°C to +50°C	<120 seconds	Atm ± 10%
Hydrogen Cyanide	HCN	0-30 ppm	600154	3E30F	<5%/month	1% of signal	15 to 95%	-40°C to +40°C	<50 seconds	Atm ± 10%
Nitrogen Dioxide	NO2	0-20 ppm	600163	3NDH	<2%/month	2% of signal	15 to 90%	-20°C to +50°C	<35 seconds	Atm ± 10%
Nitrogen Dioxide	NO2	0-300 ppm	600166	3NDH	<2%/month	2% of signal	15 to 90%	-20°C to +50°C	<35 seconds	Atm ± 10%
Nitric Oxide	NO	0-100 ppm	600175	3NF	<2%/month	2% of signal	15 to 90%	-20°C to +40°C	<10 seconds	Atm ± 10%
Nitric Oxide	NO	0-2000 ppm	600178	3NF/F	<2%/month	2% of signal	15 to 90%	-20°C to +40°C	<10 seconds	Atm ± 10%
Oxygen	O2	0-25%	600180	7OX/V	<5%/year	1% of signal	0 to 99%	-20°C to +50°C	<15 seconds	Atm ± 10%
Ozone	O3	0-1 ppm	600195	O33E	<20%/year	1% of signal	15 to 90%	-20°C to +40°C	<60 seconds	Atm ± 10%
Sulfur Dioxide	SO2	0-100 ppm	600205	3S	<2%/month	1% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Sulfur Dioxide	SO2	0-2000 ppm	600208	3S/F	<2%/month	1% of signal	15 to 90%	-20°C to +50°C	<30 seconds	Atm ± 10%
Chlorine	CL2	0-20 ppm	600213	3CLH	<2%/month	2% of signal	15 to 90%	-20°C to +50°C	<60 seconds	Atm ± 10%
Hydrogen Cyanide	HCN	0-30 ppm	600223	3E30F	<5%/month	1% of signal	15 to 95%	-40°C to +40°C	<50 seconds	Atm ± 10%

ACCESSORIES	
	<p>Flow / Calibration Adaptor</p> <ul style="list-style-type: none"> To fit any model / gas Allows gas to be pumped through detector 1/4" Connectors
	<p>Control / Alarm Panel</p> <ul style="list-style-type: none"> Alarm processing for eight detectors Large display Flexible Programming
	<p>Calibration Gas</p> <ul style="list-style-type: none"> For calibration and regular maintenance Over 300 combinations available NATA Certified

