



PRODUCT APPLICATIONS

- ☐ Industrial detector
- ☐ Chemical plants monitoring
- ☐ Process control

KEY FEATURES

4 SERIES COMPATIBILITY

The board are compatible with all three and four electrodes 4 Series toxic gas sensors.

DIGITAL OUTPUT

The board provides a digital output in RS485 or I2C (depending on the versions) for an easy integration into the customer's electronics.

ANALOGUE OUTPUT

The board also provides an analogue output 4-20mA for interface with external controller.

CALIBRATION

Through the digital interface is possible to calibrate the sensor in zero and span.

DESCRIPTION

Our board is developed to exploit the maximum potential of the 4 Series sensors, ensuring optimal performance with a wide range of sensors.

The ModBus RS485 or I2C (depending on the versions) connection allows integration with the latest electronics control units, while the 4-20mA outputs are better suited to traditional systems.

Digital communication allows total control of every sensor parameter, as well as managing all sensor calibration phases.

Technical Specification

4 SERIES PORFOLIO		
Measurement Technology:	2 and 3 Electrode Electrochemical	
Measurement Range:	From 0 up to 10.000ppm depending on gas and sensor model	
Power supply:	5-24VDC	
Digital Output:	ModBus RS485 or I2C	
Analogue output:	4-20mA	
Temperature range:	-20 to 50°C	
Type of gas:	CO	NH3
	NO	H2
	NO2	H2S
	SO2	PH3
	C2H4O	CL2