checkup
OBJECTS WITH LIFE INSIDE

KEY FEATURES

7 SERIES COMPATIBILITY

The board are compatible with all three and four electrodes 7 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.

PRODUCT APPLICATIONS

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

DESCRIPTION

Our board is developed to exploit the maximum potential of the 7 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 SPECIFICATIONS

7 SERIES PORFOLIO		
Measurement Technology:	3 and 4 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	O3
	NO	H2
	NO2	H2S
	SO2	HCN
	C2H40	CL2