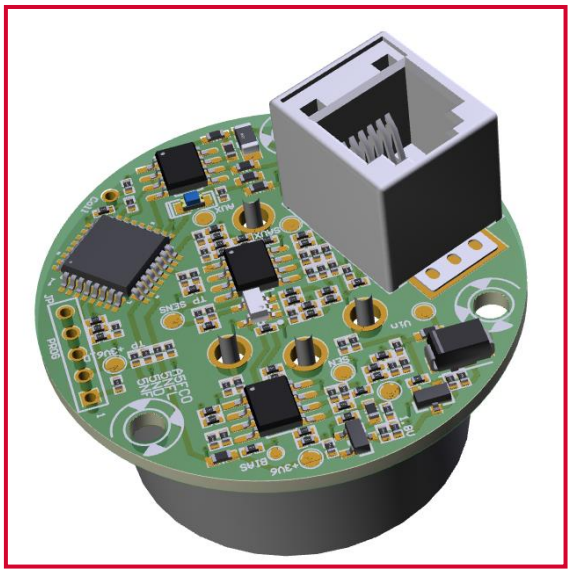
DATA SHEET

5 SERIES BOARD

checkup
OBJECTS WITH LIFE INSIDE



PRODUCT APPLICATIONS

- ❑ Flue gas analyzer
- ❑ SCR - DeNOX System Monitor
- ❑ Combustion efficiency monitors

KEY FEATURES

5 SERIES COMPATIBILITY

The board are compatible with all three and four electrodes 5 Series toxic gas sensors.

DIGITAL OUTPUT

The individual board features a digital ModBus RS485 output, enabling integration with the concentrator or the customer's own electronics.

FLEXIBILITY

We develop a concentrator that can accepts up to 6 sensors as input which can be read via ModBus TCP/IP.

ANALOGUE OUTPUT OPTION

To ensure that the system is also compatible with analogue systems, the concentrator has a 4.20mA output for each sensor.

CALIBRATION

The sensor's calibration is done through the board itself or through the concentrator when the board is linked to it.

DESCRIPTION

Our board is developed to exploit the maximum potential of the 5 Series sensors, ensuring optimal performance within the harsh environments of flue gas analysers, combustion efficiency monitors and SCR DeNOX System Monitor.
The concentrator completes the system allowing total flexibility in terms of the number of connected sensors and the type of outputs. The ModBus TCP/IP connection allows integration with the latest industrial 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.

checkup
OBJECTS WITH LIFE INSIDE

SPECIFICHE TECNICHE

5 SERIES PORFOLIO	
Measurement Technology:	3 and 4 Electrode Electrochemical
Measurement Range:	From 0 up to 40.000ppm depending of gas and model
Type of gas:	CO
	NO
	NO2
	SO2
	Other

Board specifications

Power supply:	10-30VDC
Digital Output:	ModBus TCP/IP
Temperature range:	-20 to +50°C
Resolution:	Typical 1 ppm for all kind of sensors
Special function:	autoconfiguration

Concentrator specifications

Number of connected sensors:	From 1 up to 6
Power supply:	10-30VDC
Digital Output:	ModBus TCP/IP
Analogue output:	From 1 up to 6 4-20mA
Temperature range:	-20 to +50°C
Resolution:	Typical 1 ppm for all kind of sensors
Special function:	autoconfiguration

CHECK UP SRL
VIA DEL LAVORO 63
31013 CODOGNÈ - TV

TELEPHONE
+39 0438 470357

P.IVA IT03036150260
C.F. 01201610936

EMAIL
INFO@CHECK-UP.IT