

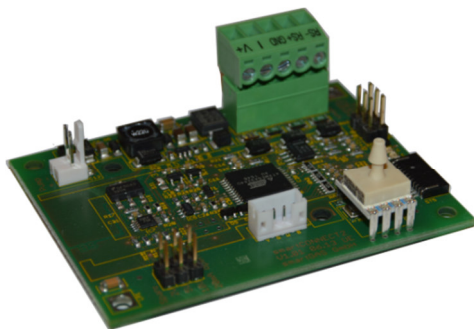
CONNECT INTERFACE

smartGAS item number: Z6-000006



Digital interface compatible to all smartGAS EVO – sensors:

BASIC^{EVO}
FLOW^{EVO}



The CONNECT INTERFACE electronic offers a simple solution for connecting smartGAS EVO - sensors in various applications using standardized interfaces. Thanks to the analogue outputs (e.g. 4-20mA, 0-10V) or the RS485 Modbus interfaces of the CONNECT INTERFACE all smartGAS sensors can be directly connected to a variety of process control analyzing systems.

The integrated pressure compensation provides a better precision in measurement and the on-board LED indicate the sensor status for easy handling.

- **Integrated ambient pressure compensation**
- **Internal pressure compensation (800 to 1150 mbar)**
- **Zero and Span calibration per jumper or software**
- **On board supply (6V DC) for peripheral equipment e.g. micro pump**
- **Operating status with 3 LED**

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General features

Dimensions:	72 x 55 x 20 mm (L x W x H)
Weight:	25 g
Tubing connection:	3 mm (internal \varnothing); 5 mm (external \varnothing)

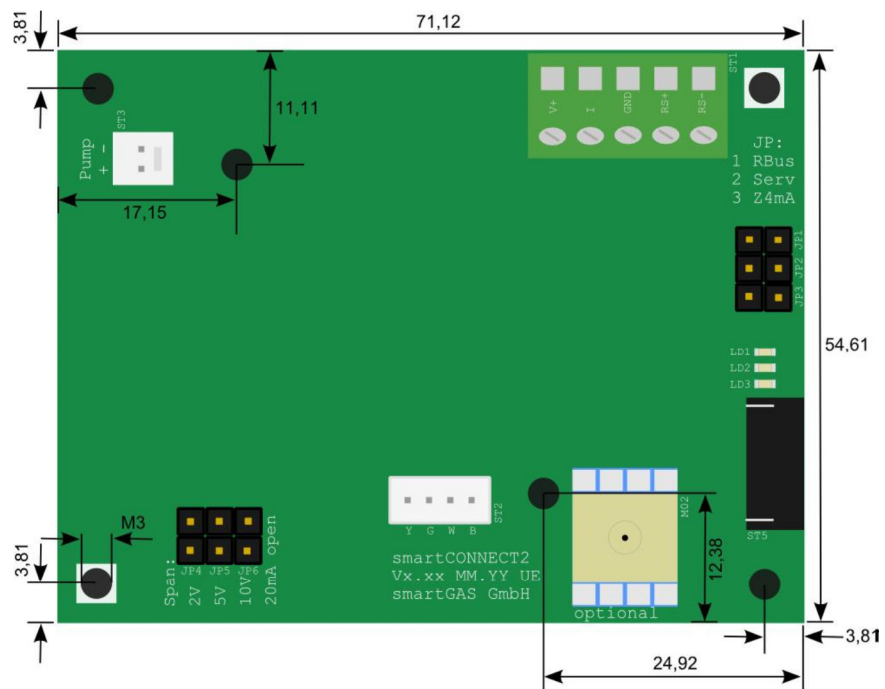
Electrical inputs and outputs

Supply voltage:	12-28 V (DC)
Analogue output signal:	0(4)-20mA (DC), max. 500 Ohm (optional Namur NE 43 compatible) 0-2V / 0-5V / 0-10V (DC)
Digital output signal:	Modbus ASCII / RTU via RS 485, autobaud, autoframe
Calibration:	per jumper or software
Electric connector:	screw clamp (max. cable \varnothing = 1.5 mm ²)

Climatic conditions

Operating temperature:	-20 .. +50 °C
Storage temperature:	-20 .. + 60 °C
Air pressure:	800 .. 1150 hPa
Ambient humidity:	0 .. 95 % relative humidity (not condensing)

Mechanical dimensions



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For more information, please visit www.smartgas.eu or contact us at sales@smartgas.eu

Please consult smartGAS Sales for parts specified with other temperature and measurement ranges.

At first initiation and depending on application and ambient conditions recalibration is recommended. Recurring cycles of recalibration are recommended.