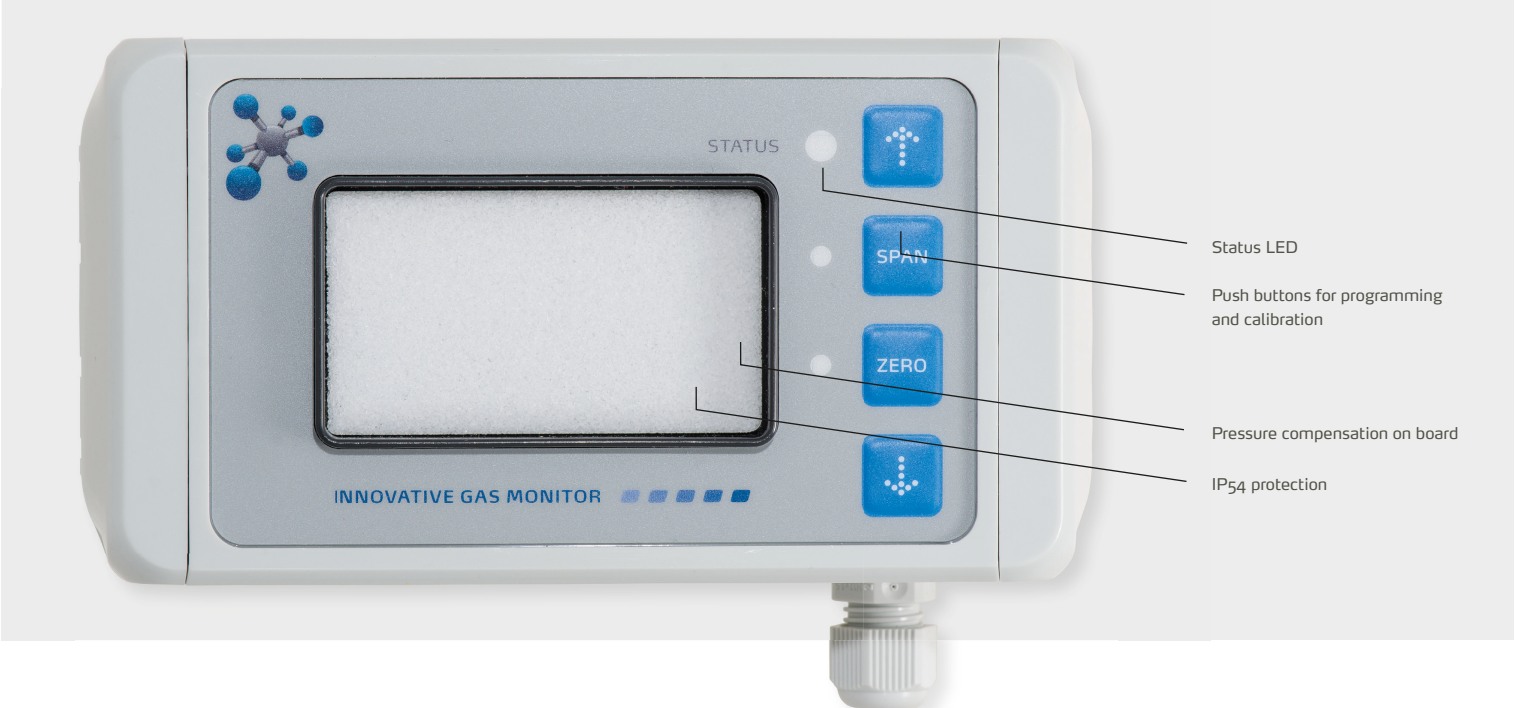


Transmitter

Integrated OEM Solution for smartGAS diffusion sensors



00.1 | 12.2013



- Ready to install
- For individual customized design only
- Optimized gas entrance
- Fast response time t90
- IP54 protection
- Gas proofed fitting
- Easy to use calibration adapter available

The new Transmitter (T2) series is designed to address the individual requirements of customers who are seeking their own branded product and technical solution. Based on the highly reliable NDIR smartMODUL technology the Transmitter offers the opportunity for customer specific solutions at reasonable cost.

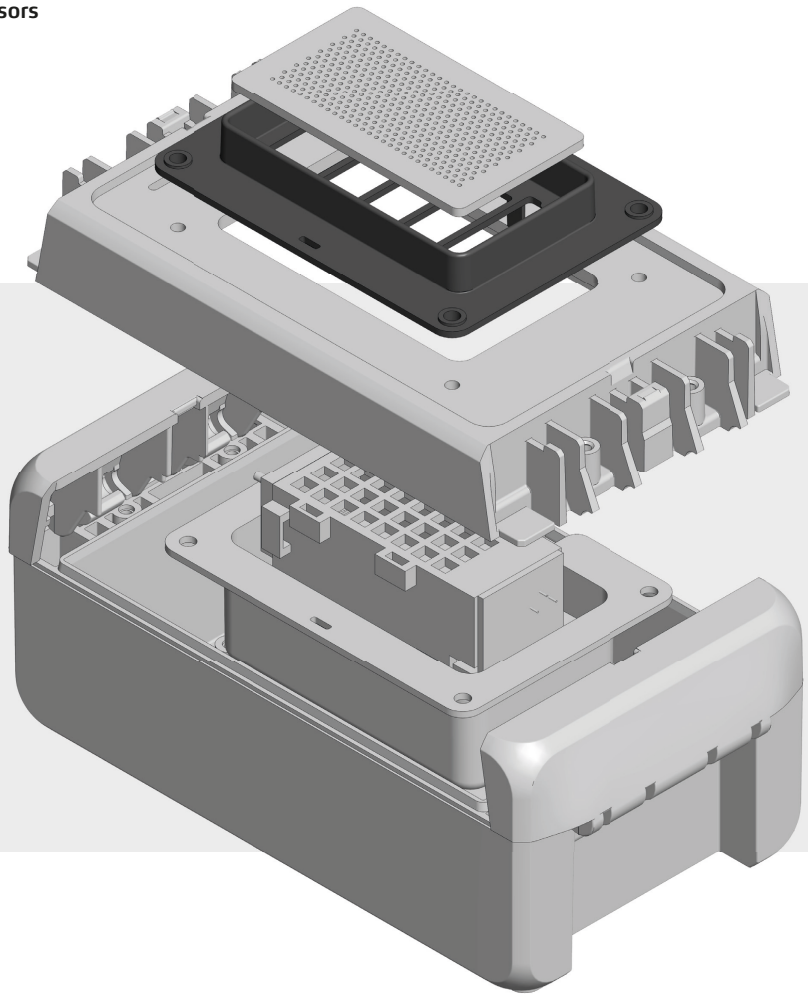
Coloured LED lights indicate the device status at any time and the on board pressure compensation allows for precise gas measurement regardless of where the Transmitter is installed. The Transmitter offers IP54 protection as well as a fast gas exchange for reliable and safe operation. A robust design allows for operation even in dirty or challenging environments.

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Interfacing is based on (0)4-20mA (NAMUR NE43 conform), voltage output 0-2/5/10V or alternatively Modbus ASCII or RTU.

- Single power supply 12 – 24V DC
- Operating status with 3 LED
- On board pressure compensation
- Modbus ASCII or Modbus RTU
- Up to 19200 baud
- Analogue interfaces:
0 (4) – 20 mA NAMUR NE43
0-2V, 0-5V, 0-10V



NDIR TECHNOLOGY

Innovative and long term stable NDIR technology inside.



The NDIR technology offers long life-span, reliable performance and significantly reduces the risk of false alarms.

There are no components within the unit which require maintenance or frequent replacement and no influences from humidity or cleaning solvents are to be expected from this robustly designed unit.

EASY CALIBRATION

The optional calibration adapter hood reduces the amount of test gas required and greatly simplifies the process should in the field calibration be required.

Due to the water tight push button front cover an in-situ calibration can be performed at any time.

