



# EXTOX

Gasmess-Systeme GmbH

[PROLISSO.COM](https://prolisso.com)

[EXTOX.DE](https://extox.de)





# ABOUT

# Prolisso

INDUSTRIAL SOLUTIONS

Prolisso is founded along with ATT Mechatronics in order to reply to the need for industrial solutions. While ATT Mechatronics produced robotic, industrial solutions, Prolisso's activity has been importing, exporting, and distributing various foreign brands.

After six prosperous years, in January 2025, ATT Mechatronics became Prolisso. Since then, The company has grown to produce a number of machines for brake pad production lines in addition to end-of-line solutions, product transferring solutions, and assembly lines among other technical services and spare parts production.

# ABOUT **EX-TOX**

We founded ExTox Gasmess-Systeme GmbH in Dortmund in 2004. Due to rapid growth right from the early days, the number of collaborators grew constantly, and this is why we moved to bigger and more comfortable installations in nearby Unna.

We plan and manufacture gas measurement systems and develop the necessary electronic components as well as software or housings by ourselves. We sell our products all over the world, and we provide after-sales service such as the initial start-up, maintenance, or repairs in Germany as well as in other countries.



# COMPANY HISTORY

01.

**Planning, Production,  
Sales, Installation and  
Maintenance for Fixed  
Gas Measurement  
Systems**

02.

**100 employees Among  
Whom are 8  
Developers and 37  
Service Engineers)**

03.

**In 2016, it received the  
award for “The most  
family-friendly  
company in  
Germany.”**



## SENSOR TYPES

# MEET OUR PRODUCTS



ET - 1D



ET - 2D



ET - 4D



ET - 8D

Catalytical sensors  
(Ex)Sens BG-WT, (Ex)Sens NH3-3-WT

Electrochemical sensors  
(Ex)Sens H2S-100-EC

Semiconductor sensors  
(Ex)Sens BG-HL

Infrared sensors

(Ex)Sens BG-IR

Temperature-, humidity- and pressure-sensors  
(Ex)Sens TFD

Thermal Conductivity sensors  
Transmitter H2-30-WLD



## TRANSMITTERS



ExSens

All sensor principles possible  
4-20 mA output (alternative: 0- V;  
0- V; 0-10 ; 0.2- mA)  
Power supply: 18 to 30V DC  
Explosion-proof  
Suitable for Zone 1: ` II 2G  
Protection EEx d IIC (flameproof  
enclosure)  
IP65



Sens

All sensor principles possible  
4-20 mA output (alternative: 0-1V;  
0-5V; 0-10V; 0.2-1mA)  
Power supply: 18 to 30V DC  
Explosion-proof (Types EC and KE)  
Suitable for Zone 2: ` II 3G  
Protection EExnA IIC  
IP 54

# MEET OUR PRODUCTS



## INTEGRAL MEASURING CONCEPTS (IMC)

# MEET OUR PRODUCTS



Integral Measuring Concept for monitoring of biogas systems

Sampling and conditioning of measured gas, transmitter (such as  $\text{CH}_4$

$\text{CO}_2$ ,  $\text{O}_2$ , and  $\text{H}_2\text{S}$ ) and evaluation combined in one compact, wall-mounted housing

Process of measurement especially designed for biogas application.

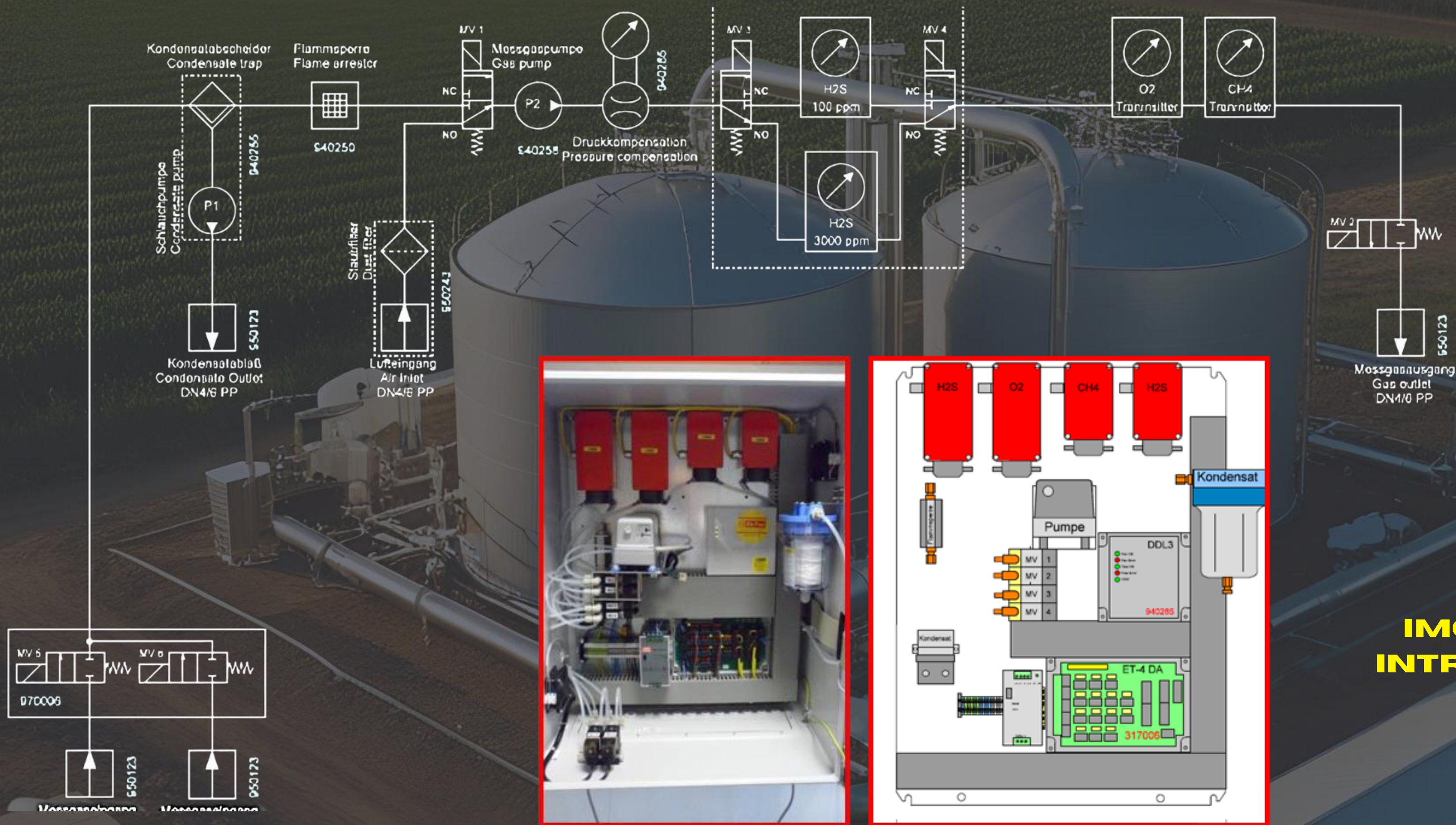
Additionally, the potential for ongoing ambient air monitoring (including  $\text{CH}_4$  and  $\text{H}_2\text{S}$ )

Maximum length of sample line  $\geq 50\text{m}$

Eight 4-20 mA-Outputs  
RS232/RS485

Profibus-Adapter possible





## IMC – SHORT INTRODUCTION





# **AREA OF USAGE**

## **EXPLOSIVE GASES**

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- Filling Station
- Combined heat and power station
- Landfills
- Agriculture: Biogas, Animal Stables, Silos
- Refineries
- Solvent Warehouses
- Petro Industries
- Automotive Industries





# AREA OF USAGE

## TOXIC GASES

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- Cooling Plant/Houses
- Food Manufacturing
- Semiconductor Manufacturing
- Airing Systems
- Chemical Industries
- Tunnels, Bus and Railway Stations
- Universities
- Hospitals, Healthy Industry
- Pubs





**THANK  
YOU**

EXTOX.DE