



# LT Inlet Pressure Monitoring

beyond standards

## LT Inlet Pressure Monitoring

Disturbances in the gas supply cause production losses. LT GASETECHNIK Inlet pressure monitoring permanently controls gas pressures, eg. at the entrance of the gas mixer. This guarantees an early alarm in case of disturbances of the gas supply. Thus production loss can be prevented.

The LT Inlet Pressure Monitoring is a modular system, with many integrated functions, expandable to individual options:

### Advantages

- Simultaneous monitoring and display of up to 4 gas pressures
- Continuous control of freely adjustable limit values with alarm triggering and switching of a potential-free contact
- Increased process reliability through automatic process stop or automatic switchover to backup supply
- Convenient and intuitive to operate via color touch screen, connection to higher-level systems possible
- Password protected user levels
- Ethernet-Port for data transfer

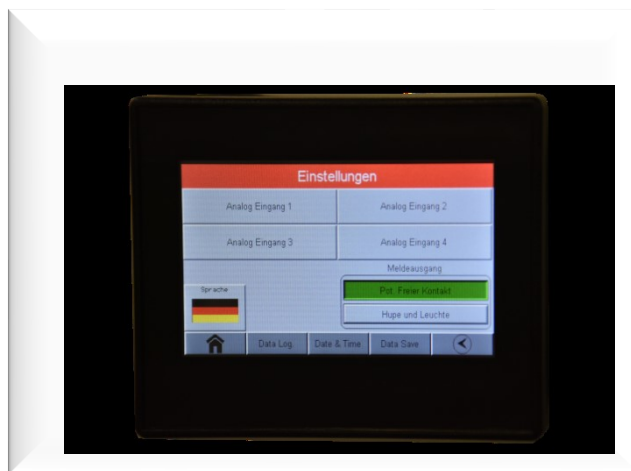


*LT Inlet Pressure Monitoring with open door  
Display = trend graphs  
LT article no.: 2-4052*

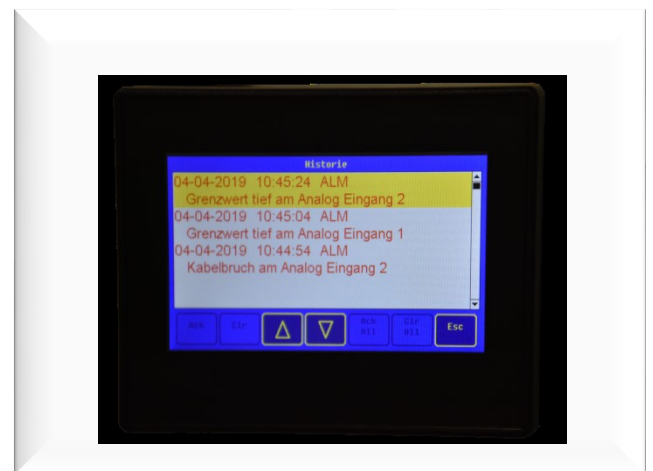
## Data

- Fully automatic operation, with integrated LT ControlUnit smart
- Monitoring of up to 4 pressure transmitters eg. of
  - o input gases 1 and 2
  - o gas mixture at the outlet of a gas mixer
  - o Pressure of emergency supply
- Analog inputs: 4 x 4-20 mA
- Resilience of the potential-free contacts: 60V 3A / 24V DC 3A
- Weight approx. 3.7 kg, dimensions 296 x 281 x 158 mm
- Power supply 230 V AC
- For documentation with integrated data logger

### *Early information about disturbances in gas supply*



*User interface:  
Set up inlet, outlet, language*



*User interface:  
History with example alarms*

## Options

Modular system, configurable according to your specifications:

- For flammable gases for operation outside hazardous areas incl. integrated isolating amplifiers
- FTP server for data transfer
- Interfaces: Modbus RTU, TCP / IP, Ethernet, 4-20 mA
- Relay output with load capacity of potential-free contacts: 230V AC 8A
- Upgrading to outdoor installation (with rack on request)
- Lamp with horn for status signaling
- Other interface languages
- Enhancement of the control to LT ControlUnit comfort:
  - o USB port for data transfer
  - o GSM module for E-Mail or SMS dispatch
  - o Interfaces: Profibus, CANopen



*LT Inlet Pressure Monitoring on basis of  
LT ControlUnit comfort  
with GSM module for SMS dispatch*

**LT GASETECHNIK**  
beyond standards

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