



MGas Analyse System for wall mounting

Function:

- Microprocessor controlled Analysesystem for online monitoring.
- Clear operator guidance in english or german via display
- The following gases can be measured:

| | |
|---|------------------|
| Carbon monoxide | %CO |
| Carbon dioxide | %CO ₂ |
| Hydrogen | %H ₂ |
| Methane | %CH ₄ |
| Temperature | |
| (TE, Typ K oder S) | °C |
| Carbonlevel | %C |
| (calculated from measured gas components) | |
- Temperature and pressure compensated Sensors
- Automatically calibration of Zero Gas and test gas
- Separated Input for Process and Test Gas
- Analogue outputs for recorder

Technical Data:

- Construction:**
Wall mounted Device
- Dimensions:**
500 x 500 x 360 mm (B x H x T)
(depend on number of gas components)
- Weight:**
12,5 kg
- Protection category:**
IP 20 nach IEC 529
- Voltage:**
230 V +/- 10 % / 50-60 Hz
- Warm up:**
ca. 10 Minutes
- Climate:**
storage: 0...50 °C
operation: 5...40 °C
- Measurement range:**
- | | |
|-------------------|-------------|
| CO: | 0...35,0 % |
| CO ₂ : | 0...0,500 % |
| H ₂ : | 0...80,0 % |
| CH ₄ : | 0...20,0 % |
| °C: | 0...1200 °C |
| C: | 0...1,50 % |

Other Ranges are available on request.

Technical Data:

Measurement components:

max. 4

Mikroprocessor:

no

Measurement principle:

NDIR- Infrared without moving parts

Accuracy:

Drift without Autocal.: $\pm 2\%$ in 12 Monaten FS

Linearity error: $< 2\%$ FS

Temperature error:
without Autocal.: $\pm 2\%$ FS / 10 °C

Pressure: $\pm 0,2\%$ FS / 10 mbar

Compensated with pressure transducer from 800 mbar to 1200 mbar

Änderungen vorbehalten.

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