

Technical questionnaire for stationary Syngas-Analysis

Customer
Name.....
Address.....
.....
.....

Email:

Tel:

Date:

Short description of the application:

Sampling point details:

- location outdoor indoor
- ambient temperature min. max. [°C]
- gas moisture wet dry
- gas condition clean dirty
- tar present in the sample gas yes no
- shut-off valve at each sampling point available? yes no

Analyzer mounting site details:

- analyzer location? outdoor indoor
- ambient air temperature min. max. [°C]
- number of gas sampling points
- gas pressure at analyzer inlet 1 min. max. [mbar]
- gas pressure at analyzer inlet 2 min. max. [mbar]
- gas pressure at analyzer inlet 3 min. max. [mbar]
- gas pressure at analyzer inlet 4 min. max. [mbar]
- power supply required Vac / Hz

Syngas concentration, in normal operating conditions: min

	min	typical	max
O ₂ measurement [%] % % %
H ₂ measurement [%] % % %
CO measurement [%] % % %
CH ₄ measurement [%] % % %
CO ₂ measurement [%] % % %

Other known gas components:

Optional analyzer equipment:

- Syngas cleaning system yes no
- Note: for each dirty syngas sampling point
- One I/O module 4ch 4-20mA for each sampling point yes no
- Converter module of RS485 to Profibus yes no
- Converter module of RS485 to Ethernet yes no
- Automatic calibration with nr. of gas cylinders yes no
- Note: maximal 4x cal.gas cylinders can be connected
- Flame arrestor for each gas inlet yes no

Weitere Anforderungen:
