

To offer you customized and best solution!



Technical questionnaire for stationary biogas analyzer

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

Email:

Tel:

Date:

Application short description:

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Sampling point details:

- location outdoor indoor
- ambient temperature min. max. [°C]
- gas pressure min. max. [mbar]
- gas moisture wet dry
- flame arrestor at sampling point yes no
- shut-off valve at sampling point yes no
- condensate drain at sampling point yes no
- size of sampling line tube to analyzer / mm [ID / OD]
- sampling line with freeze protection yes no
- material of sampling line tube

Analyzer mounting site details:

- location outdoor indoor
- ambient temperature min. max. [°C]
- number of switched sampling points (2 to max.10)
- Note: one analog output modul 4channel 4-20mA for each sampling point will be provided*
- gas pressure at analyzer inlet 1 min. max. [mbar]
- gas pressure at analyzer inlet 2 min. max. [mbar]
- gas pressure at analyzer inlet X min. max. [mbar]
- power supply Vac / Hz
- forced ventilation of analyzer ambient yes no
- Note: only for indoor required*

Analyzer measurements:

- CH₄ and CO₂ NDIR measurement [100% / 100%] yes no
- O₂ measurement [25%] with long-life EC cell yes no
- H₂S^{low} measurement [1.000ppm] with protected EC cell yes no
- H₂S^{low} measurement [10.000ppm] yes no
- Note: use of both H₂S^{low} and H₂S^{high} for good over all accuracy*
- H₂ measurement [1,00%] with EC cell yes no
- CO measurement [4.000ppm] with EC cell yes no
- Note: useful only for landfill sites, to detect underground fire*

Optional analyzer equipment:

- Electric gas cooler (with automatic condensate draining pump) yes no
- Converter module of RS485 into Profibus yes no
- Cabinet heater for freeze protection yes no
- Combustible gas detector (%LEL mounted inside analyzer cabinet) yes no

Other requirements:

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MRU GmbH, Fuchshalde 8, D-74172 Neckarsulm-Obereisesheim
Phone +49 71 32 99 62-0, Fax +49 71 32 99 62-20
email: info@mru.de , Internet: www.mru.de

General Manager: Erwin Hintz
HRB 102913, Amtsgericht Stuttgart
USt.-IdNr. DE 145778975