



Data points:
36,500
per unit/month

EARLY WARNING OF CORROSION DANGER | CALCULATION OF AVERAGE VALUES | PERMANENT OVERVIEW OF MANY MEASURING POINTS VIA THE CENTRAL WEB SERVER | DETECTION OF POTENTIAL WAYS OF REDUCING THE H₂S CONCENTRATION THROUGH ANALYSIS OF THE GAS CURVES | REPORTING OF HYDROGRAPH CURVES AND DAILY FORWARDING BY E-MAIL

Application sheet

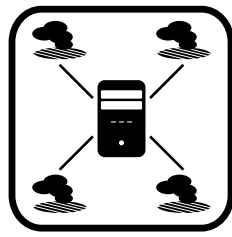
The application of Microtronics in gas measurement



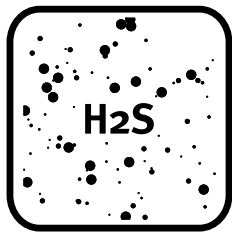
Early warning of corrosion danger



Calculation of average values



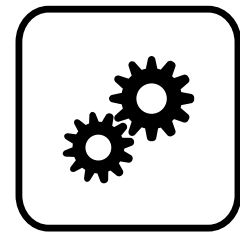
Permanent overview of many measuring points via the central web server



Detection of potential ways of reducing the H₂S concentration



Reporting of hydrograph curves and daily forwarding by e-mail



Easy installation and commissioning

Requirements

- Corrosion and odour control
- Monitoring of the gas concentration in the ambient air
- Drafting of reports as proof
- Evaluations for different user levels
- Central access to a multitude of devices
- Determination of an average H₂S value for odour elimination
- Usable in ATEX zones 1 and 2

Functional description

The odour nuisance produced by hydrogen sulphide is an enormous problem in municipal and industrial wastewater systems. In addition, buildings corrode as a result of an enduring high concentration of H₂S. For system integrators Microtronics offers a technology for measuring the H₂S concentration in the ambient air. Microtronics's Managed Service includes wireless transmission to a central web server. There the data can be viewed at any time and visualized in reports for different user groups. Various interfaces offer uninterrupted media integration into your business processes.

Key functions

- Early warning of corrosion danger
- Calculation of average values
- Permanent overview of many measuring points via the central web server
- Detection of potentials ways of reducing the H₂S concentration through analysis of the gas curves
- Reporting of hydrograph curves and daily forwarding by e-mail
- Easy installation and commissioning
- Long-term operation possible for up to 12 months
- International partner network for rapid maintenance
- Different reporting views and permissions on the web portal
- Setting of alarm thresholds for device management
- Automatic dosing control

Fields of application

- Corrosion control
- Avoidance of the odour nuisance generated by hydrogen sulphide
- Monitoring of biofilters
- Use in ATEX zone 1 and 2 explosion-hazard environments
- Evaluation of the load imposed on the building structure due to H₂S



myDatasensMini, device for measurement of the H₂S concentration in the ambient air

Components

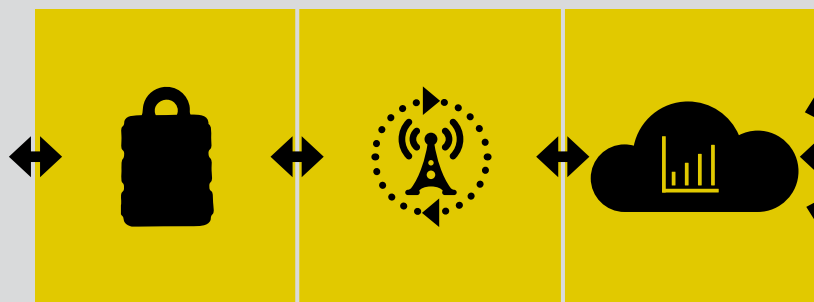
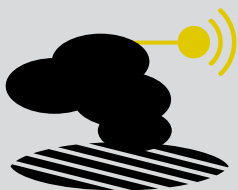
Asset monitoring

myDatasensMini
myDatasensH₂S 1000

Managed Service
Pay as you go

myDatenet
Business Server

User



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