

Gas Monitoring

Gas Monitoring



Measuring Systems:

- ▶ electrochemical sensors
sensor types according to list - please request
- ▶ photoionisation detection (PID) sensor
gases according to list - please request
- ▶ metal oxide semiconductor (MOS) sensor
VOC (volatile organic compound) - olfactory sensor
- ▶ non-dispersive infrared (NDIR) sensor
CH₄ or Co₂ sensor

Instrument Type	Battery/ Accum.	Power Supply	ATEX	Available
myDatasens Mobile	●		●	immediately
myDatalogMINI H ₂ S	●		●	Q1/2011
myDatasensPID	●			immediately
myDatasensMOS	●		●	Q2/2011*
myDatasensNDIR	●		●	Q2/2011*
EC28 Transmitter		●		immediately

2 Gas Instruments	Battery/ Accum.	Power Supply	ATEX	Available
myDatasensMINI H ₂ S-CH ₄	●		●	Q1/2011*
myDatasens Mobile H ₂ S-CH ₄ Analyser H ₂ S-CH ₄	●	●	●	Q3/2011*
				immediately

*ATEX in Vorbereitung

Battery lifetime depends on the sensor.

Example myDatasens Mobile

measuring interval: 5 minutes
 transmission interval: 120 minutes
 battery lifetime: up to 6 months

Example myDatasensNDIR

measuring interval: 5 minutes
 transmission interval: 120 minutes
 battery lifetime: up to 4 months

Beispiel myDatasens MINI H₂S

Messintervall: 1 Minute
 Laufzeit: 24 Monate



Wireless Gas Monitoring in Hazardous Areas



monitoring



ATEX - IEC Ex

- **battery-powered instruments**
 - myDatasens Mobile
 - myDatasensMINI
- **power-supplied instruments**
 - Ec28 Transmitter
- **dosing management**
 - myDatalog8PC
 - myDatalogMINI PC
 - Gasanalyser

Gas Monitoring in Wireless Operation

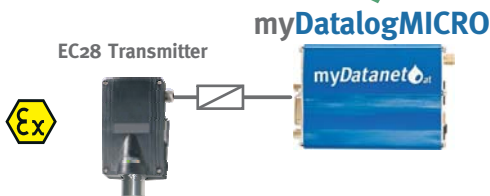
Monitoring



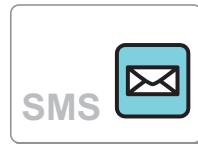
myDatasens Mobile mit integriertem Sensor



myDatasensMINI H2S H2S data logger with radio interface



myDatalogMICRO

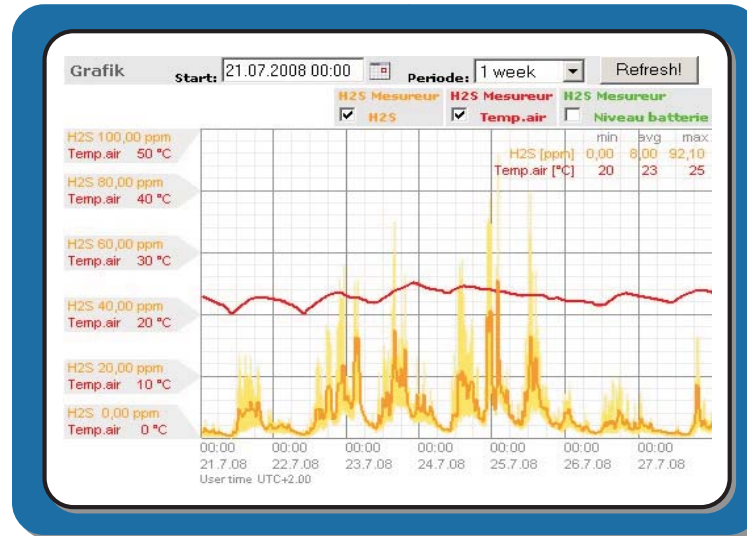


automatic alarm notification via SMS or e-mail



automatic data exchange via XML or FTP

data center



- ◆ easy handling via the internet
- ◆ data available in real time
- ◆ graphical overview
- ◆ instruments and web-visu programmable via application list EN61131-3:2003

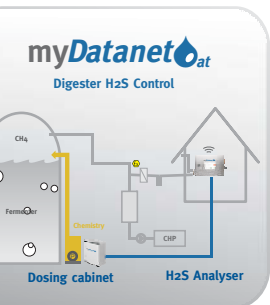
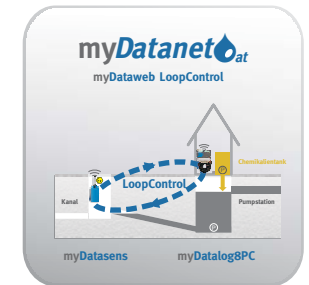
Dosing Control



myDatalogMINI



myDatalog8PC



Gasanalyser H2s