


myDatasensH2S1000 BLE Application



Application

The myDatasensH2S1000 BLE is a compact, portable device designed to be operated in wastewater systems to record and transfer H2S concentrations. The innovative sensor replacement considerably reduces the amount of work for maintenance personnel while also ensuring that data is recorded continuously. The free "GasBuster" smartphone app communicates via Bluetooth Low Energy with the myDatasensH2S1000 BLE and enables the use of the smartphone's mobile network connection to transfer data to the server. Alternatively, the "DeviceConfig" PC program can be used to process the data locally. Entering the shaft to read out the data is not necessary in either case.

Technical data

H ₂ S measurement range	0-200ppm; max. 1000ppm 0,25ppm resolution 1% repeat accuracy
Temperature measurement range	-20...+50°C
Operating temperature	-20...+50°C
Storage and transport temperature	-20...+50°C
Air humidity	15...90%rH non-condensing
Pressure range	Atmospheric +/-10%
Life cycle of the H ₂ S sensor	2 years in the air
Protection class	Complete system: IP66 Gateway: IP66 / IP68 / IP69 Sensor: IP66
Ex certification	 II 2G Ex ib IIB T3 Gb
Power supply	Battery
Data memory	82.776 measurement cycles
Dimensions (WHD)	106 x 169 x 61mm
Weight	760g
Transmission	Bluetooth Low Energy: Range of approx.20m
Displays	1,5" OLED Display

Fields of application:

- Sewage systems
- Industrial plants
- Municipal water and sewage systems

Product characteristics

- ATEX certified for zone 1
- Innovative sensor replacement
- Ecodesign
- Data transmission via Bluetooth LE
- Adjustable record interval
- Colour display of the current measurement values
- Battery operating times of up to 10 years thanks to Ultra Low Power technology
- Compact dimensions
- Robust housing with excellent chemical resistance and rubber casing
- Very low commissioning and operating costs



Scope of supply	Order no.
myDatasensH2S1000 BLE	300655
H2S 7H Sensor module	
Flat antenna Disc Multi Band FME-F 2m	
BLE Gateway MDN Protection casing	
USB BLE-Adapter	
MDN Magnet	

Instead of purchasing the H2S 7H Sensor module it is also available as a "Sensor as a Service" (300706)¹⁾.

¹⁾ Services included: Provision of sensor, reconditioning and replacement of the sensor, calibration, repairs, insurance