



OLLI H2

Explosion-proof gas detector for hydrogen with integrated pump and pressure measurement.



- Ergonomic and extremely durable plastic housing
- Menu functions and options in accordance with DVGW G 465-4 worksheet
- Individual device configuration possible for different areas of application
- High-contrast LCD graphic display with backlighting for optimal display of all measured values
- Practical additional functions (e.g. automatic start in the selected area of application, display of valuable additional information, etc.)
- Simple and easy handling thanks to intuitive menu navigation
- Long operating time of up to 50 hours
- Brand new and highly effective filter technology
- Fast wireless data transfer
- H₂ calibration as standard, expandable to include CH₄ calibration, pressure measurement and V measurement
- Practical accessories for all applications

OLLI H2 IN USE



OLLI H2







The OLLI H2 is an explosion-proof, compact gas warning and gas measuring device for the targeted detection of hydrogen. It was specially developed for applications that require robust and reliable gas monitoring, e.g. in gas infrastructure, forming gas applications or in the field of hydrogen technology.

The device is calibrated for hydrogen (H2) as standard. An additional methane measurement (CH4) can be integrated as an option to enable a flexible response to different application requirements.

The OLLI H2 is supplied as a pump version as standard and is equipped with a powerful Li-ion battery. This makes it ideal for controlled sampling, leak detection and measurements in hard-to-reach places. The device can also be optionally equipped with an integrated pressure sensor.

The extremely robust 2K plastic housing makes the OLLI H2 particularly durable in daily field use. The compact design and low weight ensure high wearing comfort even during long periods of use.

Highlights

-  • Workspace monitoring (measuring proximity to LEL; 0 to 100% LEL)
-  • Building inspection (checking indoor concentrations and locating leaks; ppm to max. 100 vol.-%)
-  • Exposed pipe inspection (inspection of exposed pipes and systems, e.g. on bridges, in industry, etc.; ppm to 5 vol.-%)
-  • Purging / gas purity (measuring the gas concentration from 0 to 100 vol.-%)
-  • Soil gas testing (measuring range from 0 to 100 vol.-% H2)
-  • Free pressure testing (Setting the stabilisation and measurement time as well as the permissible pressure drop)



Case with optional accessories

TECHNICAL DATA

Display	LCD graphic display with 128 x 64 pixels, backlit + special symbols
Power supply	Rechargeable lithium-ion
Operating time	> 50 hours (depending on sensor configuration, environmental conditions, without lighting)
Measuring ranges*	0-1.000 ppm H2, resolution 1, 5, 10, 50 ppm (adjustable) 0-100% LEL H2, resolution 0,01 or 0,1% LEL (adjustable) 0-100 vol.-% H2, resolution 0,1 or 0,5 vol.-% Optional: 0-1.000 ppm methane, resolution 1, 5, optional 10, 50 ppm (adjustable) Optional: 0-100% LEL methane, resolution 0,01 or 0,1% LEL (adjustable) Optional: 0-100 vol.-% methane, resolution 0,1 or 0,5 vol.-%
Alarm	Audible, visual and vibrating alarm signals
Temperature range	-20 °C ≤ Ta ≤ +50 °C
Protection class	IP67
Certification	Passive explosion protection
ATEX certification	II 2G Ex ib db IIC T4 Gb BVS 17 ATEX E 043 X
IECEX certification	Ex ib db IIC T4 Gb IECEX BVS 21.0085X
Dimensions	170 × 78 × 43 mm
Weight	Approx. 350 g
Pump capacity	Approx. 20 l/h
Data transmission	Wireless data transfer, IR
Data storage	Approx. 200 MB

* Availability of operating modes, measuring ranges and resolutions depends on the device configuration.

Subject to technical changes! Status: 2026/02

