

EU Declaration of Conformity

Product: HLD – Handheld Leak Detector
Product Model: HLD_1.0
Manufacturer: M2Tech GmbH
Brand Name: atmio
Address: Heimhuder Str. 56, 20148 Hamburg, Germany
Website: www.atmio.com

We hereby declare under our sole responsibility that the product described above is in conformity with the following Union harmonisation legislation and applicable standards.

Harmonised Standards Applied:

Standard	Edition	Description
RED 2014/53/EU – Radio Equipment Directive		
EN 301 489-1	V2.2.3	EMC – General requirements for radio equipment
EN 301 489-17	V3.2.4	EMC – Broadband transmission systems (Bluetooth/Wi-Fi)
EN 300 328	V2.2.2	Radio spectrum efficiency for 2.4 GHz ISM band
EN 62479	2010	Assessment of human exposure to electromagnetic fields
RoHS 2011/65/EU – Restriction of Hazardous Substances		
EN IEC 63000	2018	Technical documentation for RoHS compliance
ATEX 2014/34/EU – Equipment for Explosive Atmospheres		
EN IEC 60079-0	2018	General requirements for equipment used in explosive atmospheres
EN IEC 60079-7	2015+A1:2018	Protection by increased safety “ec”

ATEX Marking Reference Table:

Element	Marking	Explanation
Equipment Group	II	Equipment intended for use in all explosive atmospheres except mines
Equipment Category	3G	Suitable for use in gas atmospheres, occasional presence (Zone 2)
Protection Type	Ex ec	Increased safety – prevents ignition sources during normal operation
Gas Group	IIC	For the most demanding gases (e.g., hydrogen, acetylene)
Temperature Class	T4	Max surface temperature $\leq 135^{\circ}\text{C}$
Equipment Protection Level (EPL)	Gc	Protection suitable for Zone 2 (low risk, explosive gas atmosphere)

Compliance Label:

The following label will be affixed to the product housing in a visible and durable manner. It includes the ATEX marking, product identification, manufacturer information, and applicable conformity symbols.



Product label affixed to the housing – 5,8 cm × 2,45 cm

Conformity Assessment Procedure:

The equipment is designed and assessed under Module A – Internal Production Control as per Article 13(1c) of Directive 2014/34/EU (ATEX).

As Category 3 equipment (Zone 2), the conformity assessment was carried out in accordance with the applicable requirements. The technical documentation is retained by M2Tech GmbH.

This conformity declaration is issued under the sole responsibility of M2Tech GmbH.

Place of Issue: Hamburg, Germany

Date of Issue: June 22, 2026

Name: Lucas Pfennig

Position: Hardware Tech Lead

Signature