EU DECLARATION OF CONFORMITY

1. Radio equipment:	Equipment: Volume conversion device for gas
	Type: MacBAT 5, LTE-cat.1 modem, RED designation: mod.4GCx3A2 and mod.4GCx3B0, where x=0 or 1 (NFC); Program version: S012.98_V122538
	Marking: II 1G Ex ia IIB T4 Ga
2. Name and address of the manufacturer:	PLUM Sp. z o.o., ul. Wspólna 19, Ignatki, 16-001 Kleosin, Poland

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration (identification of the radio equipment allowing traceability; it may include a colour image of sufficient clarity where necessary for the identification of the radio equipment):

Serial number: according to Packing List attached to product

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)

Directive 2014/32/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments (MID)

Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC (RED) and Commission Delegated Regulation (EU) 2022/30 of 29 October 2021 supplementing Directive RED with regard to cybersecurity requirements

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment and Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances (RoHS)

6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared. References must be listed with their identification number and version and, where applicable, date of issue:

in a range of safety and health in potentially explosive atmospheres (ATEX):	EN IEC 60079-0:2018 EN 60079-11:2012
in a range of metrology (MID):	EN 12405-1:2021
in a range of metrology:	Welmec guide 7.2, 2019; Welmec-Guide 11.1, 2017; Welmec-Guide 11.3, issue 1
in a range of safety of use (RED art. 3.1a):	EN IEC 62368-1:2020 EN IEC 623j1:2020 PN-EN 60529:2003+A2:2014-07 IP
in a range of electromagnetic compatibility (RED art. 3.1b):	ETSI EN 301 489-1 v2.2.3, ETSI EN 301 489-52 v1.2.1, EN301489-3 V2.3.2 EN 12405-1:2021 PN-EN 55011:2016-05+A1:2017-06 + A11:2020-07 + A2:2021-08
in a range of efficient use of spectrum resources (RED art. 3.2):	ETSI EN 301 511 v12.5.1 ETSI EN 301 908-1 v15.2.1 ETSI EN 301 908-13 v13.2.1 ETSI EN 300 330 V2.1.1
in a range of cybersecurity (RED art. 3,3 d/e/f)	EN 18031-1:2024 EN 18031-2:2024

7. Notified body:

Notified body (ATEX): FTZÚ, Fyzikálně technický zkušební ústav, s.p., Pikartská 1337/7, 716 07 Ostrava Radvanice, Czech Republic, ID no.1026, performed EU type examination, report no.: 17/0047 and issued the certificate no.: FTZÚ 17 ATEX 0047X dated 26.03.2018 and supplementary EU-Type Examination Certificate No. 1 dated 17.12.2019 and No. 2 dated 20.03.2023

Notified body (MID): Physikalisch-Technische Bundesanstalt, Bundesallee 100, 38116 Braunschweig, Germany, identification number 0102, performed EU type examination, report no.: PTB-1.42-4118737 and issued the certificate no.: DE-19-MI002-PTB004, Revision 9 dated 25.04.2024

Notified body (RED): Cesky Metrologicky Institut, Okruzni 31, 638 00 Brno, country: Czech Republic, identification number 1383, performed EU type examination and issued the certificate no.: 0120-CC-V0009-20, dated 01.09.2020

8. Where applicable, description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the EU declaration of conformity:

not applicable

9. Additional information:

Metrology and electromagnetic compatibility (MID):	PLUM Sp. z o.o. CALIBRATION LABORATORY, ul. Wspólna 19, Ignatki, TEST REPORT No. 05/VCD1/2026
Quality system for production, final product inspection and testing according to Annex D of the Directive MID:	Notified body: CMI, Český metrologický insitut, Okrúzní 31, 638 00 Brno, Czech Republic, ID no. 1383
	Certificate number: 0119-SJ-A002-09
Management Systems:	ISO 9001, ISO 14001 and ISO 45001 certified by BSI under certificate numbers FM 37328, EMS 76080, OHS 76081
Quality system for production, final equipment inspection and testing according to Annexes IV and VII of the Directive ATEX:	Notified body: FTZÚ, Fyzikálně technický zkušební ústav, s.p., Pikartská 1337/7, 716 07 Ostrava Radvanice, Czech Republic, ID no. 1026
	Harmonised standard: EN ISO/IEC 80079-34:2020
	Certificate number: Quality Assurance Notification no. FTZÚ 04 ATEX Q 009
Explosion protection according to ICEx certification scheme:	CoC: IECEx FTZU 17.0026X (https://www.iecex-certs.com/#/home)
Electromagnetic compatibility and radiated disturbance (EMC):	Łukasiewicz Research Network – Institute of Innovative Technologies EMAG, ul. Leopolda 31, 40-189 Katowice, Poland
	Report no.: 5569-ZLB/2019, 5567-ZLB/2019, 7397-ZLB/2023
	Plum Sp. z o.o. - EMC Testing Laboratory, ul. Wspólna 19, Ignatki,16-001 Kleosin, Poland. PCA accreditation AB1765
	Report no.: 003/003/LB/LKE/2021, 003/004/LB/LKE/2021, 003/001/LB/LKE/2023

Signed for and on behalf of: company Plum Sp. z o.o.

Ignatki, 2026-10-16	Michał Szumski, President of the Board
(place and date of issue)	**(name, function) (signature)**