



EU DECLARATION OF CONFORMITY

1. Product model/product:	Product: Gas Volume Conversion Device
	Type: MacBAT 5, models without modem
	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 product allowing traceability):	
Serial number: according to attached Packing List	
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 2014/30/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 electromagnetic compatibility (EMC)	
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:	
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 electromagnetic compatibility (EMC):	EN 12405-1:2005+A2:2010
in a range of radio disturbance (EMC):	PN EN 55011:2016+A1:2017-06
in a range of safety of use:	EN 60529:1991/A2:2013
7. Notified body:	
Notified body (ATEX): FTZÚ, Fyzikálně technický zkušební ústav, s.p., Pikartská 1337/7, 716 07 Ostrava-Radvanice, Czech Republic, number 1026, done examination and tests, report number 17/0047 and issued certificate: FTZÚ 17 ATEX 0047X at the date 26.03.2018 and supplementary EU-Type Examination Certificate No. 1 dated 17.12.2019.	
8. Additional information:	
Electromagnetic capability (EMC):	EMC Laboratory: Electromagnetic Compatibility Laboratory, Plum Sp. z o.o., ul. Wspólna 19, Ignatki, 16-001 Kleosin, Poland Test report number: 312/2017
Integrated Quality Environmental and Occupational Health and Safety Management System:	Certification body: BSI Assurance UK Limited, 389 Chiswick High Road, London W4 4AL, Great Britain International standards: ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certificates numbers: Quality – FM 37328, Environmental – EMS 76080, OHS – 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 IECEx certification scheme:	FTZÚ, Fyzikálně technický zkušební ústav, s.p., Pikartská 7, 716 07 Ostrava Radvanice, Czech Republic • IECEx Quality Assessment Report (QAR) number: CZ/FTZU/QAR16.0002/05 dated 02.05.2022, • IECEx Technical Report (ExTR) number: CZ/FTZU/ExTR17.0027/00 dated 26.03.2018, CZ/FTZU/ExTR17.0027/01 dated 21.11.2022. • IECEx Certificate of Conformity (CoC) number: IECEx FTZU 17.0026X issue No. 1 dated 21.11.2022.
Signed for and on behalf of: company Plum Sp. z o.o.	
Ignatki, 2022-12-01	
(place and date of issue)	(name, function) (signature) Michał Szumski, Board President