

1 **UNITED KINGDOM CONFORMITY ASSESSMENT**
UK TYPE EXAMINATION CERTIFICATE

2 Product Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1

3 Certificate Number: ExVeritas 23UKEX1733X Issue: 0

4 Product: gPIMS Ex HT Sensor (CM R2P-**in-HT-EX-**mm)

5 Manufacturer: Guided Ultrasonics Ltd.

6 Address: Unit 3, Brentwater Business Park, Wavemaker House, The Ham, Brentford, TW8 8HQ,
United Kingdom.

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas Limited Approved Body number 2585, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018

IEC 60079-11:2023

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 1G Ex ia IIB T* Ga
Ta = -40°C to +70°C



No. 8613

On behalf of ExVeritas



S Clarke CEng MSc FIET
Managing Director

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The status of this certificate can be verified at www.exveritas.com

For help or assistance relating to this certificate, contact info@exveritas.com.

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.

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Schedule

14.2 Compliance Drawings:

Title	Drawing	Revision	Date
GPIMS EX HT CONDUIT ASSY Two dimensional drawing.	GP-1156-00 PENDING ATEX_0.pdf	02	05/05/2023
GPIMS EX HT CONDUIT ASSY Three dimensional computer render.	GP-1156-00 PENDING ATEX_1.pdf	02	05/05/2023
GPIMS EX HT CIRCUIT ASSY PRE-MOULD Three dimensional computer render.	GP-1359-00 PENDING ATEX_0.pdf	02	23/05/2022
GPIMS EX HT CIRCUIT ASSY PRE-MOULD Computer rendered exploded view.	GP-1359-00 PENDING ATEX_1.pdf	02	23/05/2022
GPIMS EX HT CIRCUIT ASSY POST-MOULD Three dimensional computer render.	GP-1361-00 PENDING ATEX.pdf	02	23/05/2022
GPIMS EX HT GENERAL SENSOR ASSY Three dimensional wireframe render.	GP-1417-00 PENDING ATEX_0.pdf	01	12/12/2022
GPIMS EX HT GENERAL SENSOR ASSY General assembly drawing (side projection).	GP-1417-00 PENDING ATEX_1.pdf	01	12/12/2022
GPIMS EX HT GENERAL SENSOR ASSY Wireframe isometric render.	GP-1417-00 PENDING ATEX_2.pdf	01	12/12/2022
GPIMS EX HT FLEXIBLE CIRCUIT ASSY Three dimensional computer render.	GP-1424-00 PENDING ATEX_0.pdf	02	12/12/2022
GPIMS EX HT FLEXIBLE CIRCUIT ASSY Three dimensional computer render.	GP-1424-00 PENDING ATEX_1.pdf	02	12/12/2022
GPIMS EX HT FLEXIBLE CIRCUIT ASSY Flexible circuit construction options.	GP-1424-00 PENDING ATEX_2.pdf	02	12/12/2022
GPIMS EX HT COMBINED SENSOR ASSY Illustration of typical installation arrangement.	GP-1459-00 PENDING ATEX_0.pdf	01	28/07/2023
GPIMS EX HT COMBINED SENSOR ASSY Illustration of typical installation arrangement including GP-FCU-WIFI-EX.	GP-1459-00 PENDING ATEX_1.pdf	01	28/07/2023
GPIMS EX HT COMBINED SENSOR BOX Exploded assembly drawing.	GP-1468-00 PENDING ATEX_0.pdf	02	28/07/2023
GPIMS EX HT COMBINED SENSOR BOX Section view.	GP-1468-00 PENDING ATEX_1.pdf	02	28/07/2023
GPIMS EX HT COMBINED SENSOR BOX Isometric computer render.	GP-1468-00 PENDING ATEX_2.pdf	02	28/07/2023
GPIMS EX HT CONNECTOR ID PLATE Marking label.	GP-1477-00 PENDING ATEX.pdf	05	01/09/2023

Continued overleaf.

Certificate: **ExVeritas 23UKEX1733X**

Issue **0**

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15 Special Conditions for Safe Use

1. The surface of the enclosure is susceptible to electrostatic accumulation. To avoid the risk of incendiary discharges from this non-metallic part, the device shall not be installed in locations where such an accumulation may occur. Additionally, cleaning of this surface shall only be permitted with a damp cloth.
2. The Souriau-type connector includes a fastener which contains Aluminium alloy. This alloy exceeds the material limits from IEC 60079-0:2017 Cl, 8.3. and therefore is an ignition hazard. The device shall be installed so that the possibility of impact or friction on this part is not possible.

16 Essential Health and Safety Requirements (Regulations Schedule 1)

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1 The manufacturer shall inform ExVeritas of any modifications to the design of the product described by this schedule.