



SGSNA24ATEX013001

SGS

(1) **EU-TYPE EXAMINATION CERTIFICATE**

(2) **Directive 2014/34/EU of the European Parliament and of the council of 26 February 2014  
Equipment intended for Explosive Atmosphere -ATEX Directive**

(3) **ProCert No** :SUW-CERT240600007-01

(4) **Certificate Number** :SGSNA24ATEX013001

**Issue No** :0

(5) **Equipment** : PR1000Ex, PR1000Ex-KR

(6) **Manufacturer** :MadgeTech Inc.

(7) **Address** :6 Warner Road, Warner, NH 03278, USA

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

(9) SGS Canada Inc., Notified Body Number 3015 in accordance with Article 17 and Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 Annex II to the Directive, using EU Type Examination Certificate module as detailed under Annex III of this Directive.

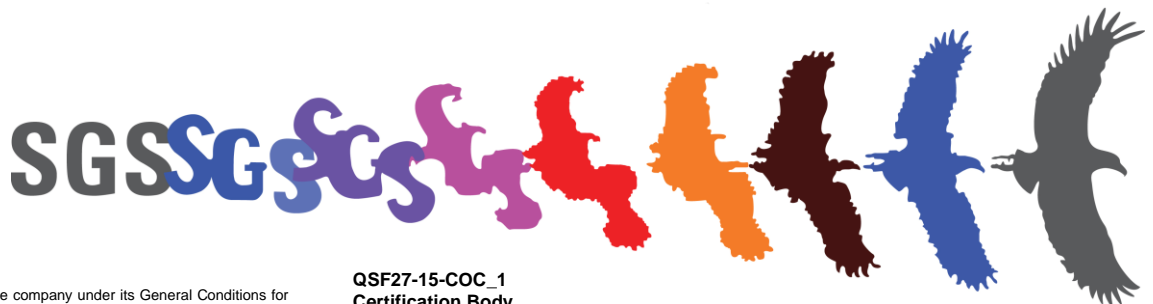
(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with the following Harmonized Standards : EN 60079-0:2018, EN 60079-11:2012

Where additional criteria beyond those given here have been used, they are listed at item 16 in the Schedule.

(11) The marking of the product shall include the following

 II 1G Ex ia IIC T4 Ga; -40°C ≤ AMBIENT ≤ 80°; 3.6VDC

(12) **Product Description** : Temperature and Pressure Data logger





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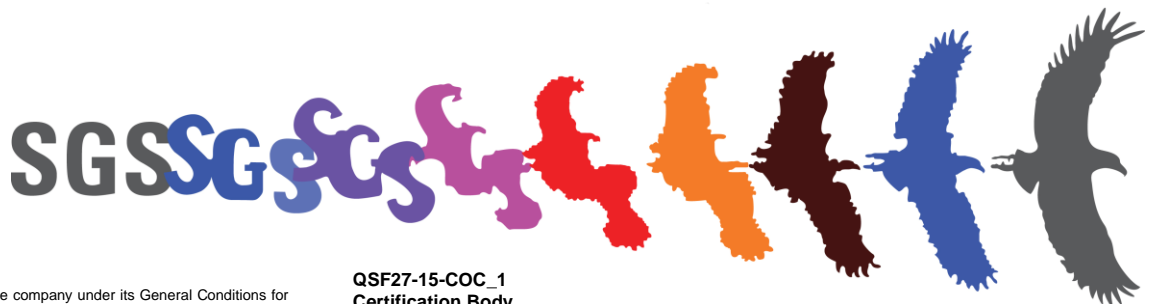
- (13) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 15 of this certificate. {paragraph cannot be used for components}.
- If the sign "U" placed behind the certificate number, it indicates that this certificate should not be confused with certificates issued for equipment of protective systems. This partial certification may not be used as basis for certification of an equipment or protective systems. "Schedule Of Limitations" is listed under item 15 of this certificate.
- (14) This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- (15) **Special conditions of safe use for "X":**  
**Schedule of limitations for "U":**  
N/A
- (16) Essential health and safety requirements met by compliance with the requirements mentioned in item 10 and where required, the report listed in item 3.
- (17) This Notification may be withdrawn if the manufacturer does not satisfy the requirements of the Directive or fails to maintain a quality system that can demonstrate compliance to Annex IV (or) Annex VII (or) Annex V of EU Directive 2014/34/EU.

Authorized by

Effective date: 06/18/2024

Vijay Rangarajan

Vijay Rangarajan  
Certifier



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QSF27-15-COC\_1  
Certification Body

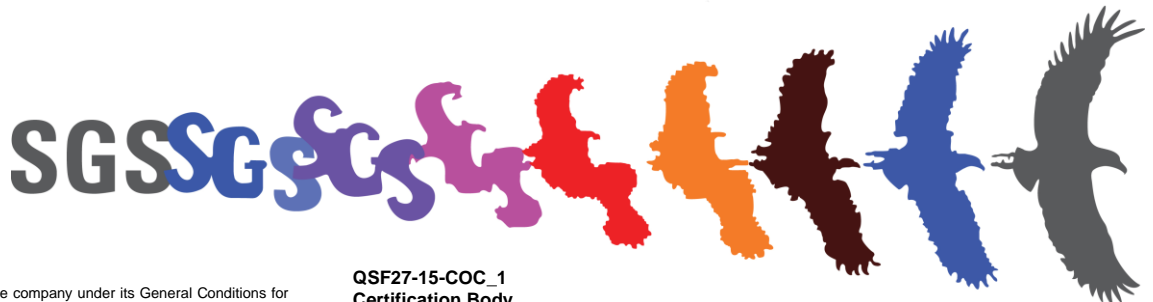
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[uscts.certifications@sgs.com](mailto:uscts.certifications@sgs.com)



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**SGS**(18) **Routine (Factory) Tests:** None(19) **Critical Drawings and Documentation-Tabulated based on Issue Number**

Issue 0				
S. No	Drawing No.	Description	Rev.	No. of Pages
1	*PR1000EX, PRESSURE AND TEMPERATURE DATA LOGGER	DOC-902260-00	3.0	08DEC23
2	*PR1000EX-KR, PRESSURE AND TEMPERATURE DATA LOGGER	DOC-902290-00	3.0	08DEC23
3	SCHEMATIC DRAWING, HITEMP140 2-PIN BATTERY CONNECTION PCB	DOC-2104002-00	1.0	21JAN19
4	PCB ASSEMBLY, HITEMP140 2-PIN BATTERY CONNECTION	DOC-2104003-00	1.0	21JAN19
5	FABRICATION DRAWING, HITEMP140 2-PIN BATTERY PCB	DOC-2104004-00	1.0	21JAN19
6	BOARD HT & IS BATTERY CONTACT PCB	SVC-2104007-00	1.0	1/24/2019
7	*SCHEMATIC DRAWING, PR1000 TRANSIENT PRESSURE LOGGER	DOC-2102002-01	3.0	10SEP19
8	*PCB ASSEMBLY PR1000 TRANSIENT PRESSURE LOGGER	DOC-2102003-01	3.0	06DEC23
9	*FABRICATION DRAWING PR1000 TRANSIENT PRESSURE LOGGER	DOC-2102004-00	3.0	06DEC23
10	PR1000 PCB ELECTRICAL ASSEMBLY	SUB-2102007-01	1.0	10/07/2020
11	PR1000-500G ELECTRICAL ASSEMBLY	SUB-1408G07-J1	1.0	04/16/2021



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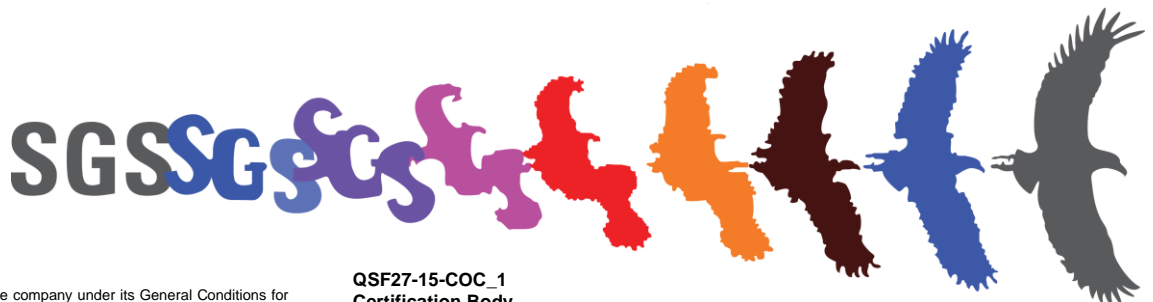
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12	PR1000-300G ELECTRICAL ASSEMBLY	SUB-1408G07-I1	1.0	04/16/2021
13	PR1000-100G ELECTRICAL ASSEMBLY	SUB-1408G07-G1	1.0	04/16/2021
14	PR1000-30G ELECTRICAL ASSEMBLY	SUB-1408G07-E1	1.0	04/16/2021
15	PR1000-5000A ELECTRICAL ASSEMBLY	SUB-1408A07-N1	1.0	04/16/2021
16	PR1000-1000A ELECTRICAL ASSEMBLY	SUB-1408A07-K1	1.0	04/16/2021
17	PR1000-500A ELECTRICAL ASSEMBLY	SUB-1408A07-J1	1.0	04/16/2021
18	PR1000-300A ELECTRICAL ASSEMBLY	SUB-1408A07-I1	1.0	04/16/2021
19	PR1000-100A ELECTRICAL ASSEMBLY	SUB-1408A07-G1	1.0	04/16/2021
20	PR1000-30A ELECTRICAL ASSEMBLY	SUB-1408A07-E1	1.0	04/16/2021
21	PR1000Ex INTRINSICALLY SAFE PRESSURE AND TEMPERATURE DATA LOGGER	DOC-1408036-00	1	2021.04.27
22	LEVEL 3 – WORK INSTRUCTION FUSE ENCAPSULATION – IEC 60079-11 REQUIREMENTS	350100	002	2021-05-06
23	*BOARD PR1000 MAIN PCB SMT ASSEMBLY	SVC-2102007-01	3.0	12/07/2023

*Note: An \* is included before the title of documents that are new or revised.*

(20)	<b>Certification History</b>	
<b>Iss. No</b>	<b>Purpose</b>	
0	Initial Release	
(21)	<b>Unit Verification/Product Verification-Batch identification</b>	
<b>S. No</b>	<b>Equipment</b>	<b>Serial No., Date Code, (or) other unique identifier</b>
N/A	N/A	



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