



**BUREAU  
VERITAS**



(1) **EC-Type Examination Certificate**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres  
– Directive 94/9/EC

(3) EC Type Examination Certificate Number

**EPS 12 ATEX 1 488 U**

**Issue No. 0**

(4) Component: H100 Series space heater

(5) Manufacturer: WISE Control Inc.

(6) Address: 2022 Deogyong-Daero, Giheung-Gu, Yongin-Si, Gyeonggi-Do, (446-905)  
Korea

(7) This component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23<sup>rd</sup> 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 12TH0542.

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

**EN 60079-0:2009**

**EN 60079-7:2007**

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This EC Type Examination Certificate relates only to the design and the construction of the specified component in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this component.

(12) The marking of the component shall include the following:



**II 2G Ex e II Gb**



Türkheim, January 08, 2013



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## Annexe

(13)

(14) **EC Type Examination Certificate EPS 12 ATEX 1 488 U Issue No. 0**

(15) Description of component:

The Series H100 space heaters are used in hazardous location for prevention of freezing of electric motor and maintaining temperature of specific space.

Electrical data:

Type A and B

Voltage: 110-277 V (depending on model and length)

Power: 25-255 W (depending on model and length)

Type D and C

Voltage: 100-250 V (depending on model and length)

Power: 50-500 W (depending on model and length)

(16) Test report: 12TH0542

(17) Schedule of limitations:

The maximum operating temperature range of the heater connection is from -40°C to +70°C.

The device must be controlled by a temperature protection device according to EN 60079-7, 5.9.12.

(18) Essential health and safety requirements:

Met by standards.



Certification department of explosion protection

Türkheim, January 08, 2013