

CERTIFICATE

(1) EC-Type Examination

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **DEKRA 12ATEX0005 U** Issue Number: 1

(4) Component: **Bearing Probe Resistance Temperature Detector S207927 series**

(5) Manufacturer: **Minco Products Inc.**

(6) Address: **7300 Commerce Lane NE, Minneapolis, MN 55432, USA**

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

(8) DEKRA Certification B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component 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 to the directive.

The examination and test results are recorded in confidential report no. 214971500.

(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 after the certificate number indicates that this certificate describes components and must not be mistaken for a certificate intended for an equipment or protective system. This EC-Type Examination Certificate may be used as a basis for certification of an equipment or protective system.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified component according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

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



II 2 G Ex e II Gb

This certificate is issued on 31 May, 2012 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

DEKRA Certification B.V.

M. Erdhuizen
Certification Manager

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate DEKRA 12ATEX0005 U** Issue No. 1

(15) **Description**

The Bearing Probe Resistance Temperature Detectors S207927 series are intended to be used for motor bearing temperature monitoring. Versions for 2-, 3- or 4-wire measurement are available.

Operating temperature range -60 °C to +180 °C.

Electrical data

Measuring current max. 5 mA
Power max. 0,49 W

Installation instructions

The instructions provided by the manufacturer must be followed in detail in order to assure safe operation of the equipment.

(16) **Report**

No. 214971500.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 214971500.