

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: Presafe 18 ATEX 12359X Issue 0
- [4] Product: Thermostat
- [5] Manufacturer: R.Stahl Tranberg AS
- [6] Address: Strandsvingen 6  
N-4032 Stavanger  
Norway
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Presafe AS, notified body number 2460, in accordance with Article 17 of 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.  
The examination and test results are recorded in confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013 and EN 60079-18:2015
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:



II 2 G

Ex mb IIC T6 Gb Ta: -50°C ≤ Ta ≤ +50°C

Ex mb IIC T4 Gb Ta: -50°C ≤ Ta ≤ +70°C



Date of issue:  
2018-07-13



*Asle Kastaad*

Asle Kastaad  
For DNV GL Presafe AS

The Certificate has been digitally signed.  
See [www.presafe.com/digital\\_signatures](http://www.presafe.com/digital_signatures) for more info

*This certificate may only be reproduced in its entirety and without any change, schedule included.*

[13]

## Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 18 ATEX 12359X Issue 0

[15] Description of Product

This Certificate covers an Ambient Air Thermostat with potting in a brass or stainless steel enclosure. Used for example together with an enclosure heater. This product is same as listed in NEMKO 11 ATEX 1098.

### Type Identification:

#### M20 version:

Brass	Chromium-plated Brass	Acid resistant SS	Opening temp. (OFF)	Closing temp. (ON)
5023 9200	5023 9201	5023 9202	+11,7°C +/- 2,8°C	+3,3 °C +/- 3,3°C
5023 9210	5023 9211	5023 9212	-2,8°C +/- 2,8°C	-10°C +/- 3,3°C
5023 9220	5023 9221	5023 9222	+20°C +/- 2,8°C	+10°C +/- 3,3°C

#### M25 version:

Brass	Chromium-plated Brass	Acid resistant SS	Opening temp. (OFF)	Closing temp. (ON)
5023 9250	5023 9251	5023 9252	+11,7°C +/- 2,8°C	+3,3 °C +/- 3,3°C
5023 9260	5023 9261	5023 9262	-2,8°C +/- 2,8°C	-10°C +/- 3,3°C
5023 9270	5023 9271	5023 9272	+20°C +/- 2,8°C	+10°C +/- 3,3°C

### Electrical Data

Max 250VAC

External fuse max 16 A

Continuous load max 16 A for Ta ≤ +50°C

Continuous load max 10 A for Ta ≤ +70°C

### Material

Brass, Chromium-plated brass or Acid resistant stainless steel. Red silicone gasket.

### Degrees of protection (IP Code)

IP66 according to EN 60529. Valid for the interface between thermostat and enclosure.

### Maximum withstand temperature, power off

+80°C

**Routine Test :**

Clause 9.1 and 9.2 in IEC/EN 60079-18, visual inspection and dielectric strength test shall be carried out by the manufacturer.

[16] **Report No.:** D0000862

[17] **Specific Conditions of Use**

- 1) The cables must be properly protected, and the connection must be carried out in an appropriate certified enclosure.
- 2) The thermostat must be connected to a fuse with the following ratings: Max 16A, breaking capacity 1500A.

[18] **Essential Health and Safety Requirements**

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] **Drawings and documents**

Number	Title	Rev.	Date
TCL 3053	Document list	G	2018.04.16

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Original issue	2018-07-13	D0000862

END OF CERTIFICATE