

**SUPPLEMENT 4 TO EC-TYPE EXAMINATION CERTIFICATE****[13] Schedule****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 98ATEX201****[15] Description of Equipment or Protective System**

This Certificate is extended to include a new design. The loudspeaker model with protection code EEx de IIC T5 can also be mounted with sintered metal of stainless steel, type SIKA-R 200.

**Type Designation**

HS-15EExmN/T

**Technical Data**

Max. 15W, 150-20000Hz

**Ingress Protection Code**

IP67 according to EN 60529

**The code for the electrical apparatus is**

EEx de IIC T5

**[16] Report No.: 200222187**

Composed in total 2 pages

**Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
HS-15EExmN HS-15EExmNT	1170	-----	07.06.2002	1

Oslo 2002-06-18

  
Rolf Hoel  
Section Manager  
Asgeir Holt  
Project Engineer


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**SUPPLEMENT 5 TO EC-TYPE EXAMINATION CERTIFICATE****Description**

This EC-TYPE EXAMINATION CERTIFICATE is extended to include the loudspeaker for use in the presence of combustible dust.

- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
CENELEC EN 50281-1-1: 1998 + A1: 2002

- [12] The marking of the equipment or protective system shall include the following :

 II 2 GD      EEx de IIB+H<sub>2</sub> T5,  
EEx dem IIB+H<sub>2</sub> T5

**[13] Schedule**

- [14] EC-TYPE EXAMINATION CERTIFICATE No    **Nemko 98ATEX201**

- [15] **Description of Equipment or Protective System**  
Loudspeaker with alternative design: encapsulated monitoring card.

**Type Designation**  
HS-15EExm N(T) or HS-15EExmNM(T)

**Technical Data**  
Max. 15W, 150-20000Hz

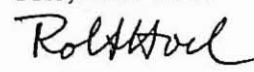
**Ingress Protection Code**  
IP67 according to EN 60529: 1991.


- [16] Report No. 200212105

**Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
Skilt HS-15EExmN(T), HS-15EExmNM(T)	1182	-	2002-09-19	1

Oslo, 2002-11-07

  
**Rolf Hoel**  
Section Manager

  
**Håkon S. Håkonsen**  
Project Engineer

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**SUPPLEMENT 6 TO EC-TYPE EXAMINATION CERTIFICATE****[13] Schedule****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 98ATEX201****[15] Description of Equipment or Protective System**The certificate is extended to include use in ambient temperature  $-50^{\circ}\text{C}$ .**Type Designation**

HS-15EExmN(T)

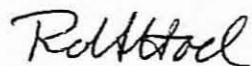
**Technical Data**

Max. 15W, 150-20000Hz

**The code for the electrical apparatus is**EEx de IIB+H2 T5  $-50^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$ EEx de IIC T5  $-50^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$ **[16] Report No.: 13157****Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
HS-15EExmN/T	2023	----	19.08.2003	1

Oslo 2003-10-27



Rolf Hoel

Certification Department

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**SUPPLEMENT 7 TO EC-TYPE EXAMINATION CERTIFICATE****[13] Schedule****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 98ATEX201****[15] Description of Equipment or Protective System**

The certificate is extended to include use of max. 6-point terminal for internal connections.  
All other conditions are as previously certified

**[16] Report No.: 82819****Descriptive Documents**

<b>Name/Title</b>	<b>Drawing No.</b>	<b>Rev.</b>	<b>Date</b>	<b>Sheets</b>
HS-15EExmNT with max 6 point weidmuller BK terminal	2122-A3	-	2007-02-06	1

Oslo 2007-03-27



**Rolf Hoel**  
Certification Manager, Ex-products

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**SUPPLEMENT 8 TO EC-TYPE EXAMINATION CERTIFICATE****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 98ATEX201****[15] Description of Equipment or Protective System**

This Supplement 8 is issued in order to confirm compliance with the equivalent standards:  
IEC 79-0:1983 + A1:1987 + A2:1991, IEC 79-1:1990 + A1:1993 + A2:1998 and IEC 79-7:1990 + A1:1991 +  
A2:1993

**[16] Report No. 131311.****[17] Special Conditions for Safe Use**  
None**[18] Essential Health and Safety Requirements**  
See item 9

Oslo, 2009-07-14

**Rolf Hoel**  
Certification Manager, Ex-products

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