

**[1] EC-TYPE EXAMINATION CERTIFICATE**

[2] Equipment or Protective System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

- [3] EC-Type Examination Certificate Number: Nemko 08ATEX1363
- [4] Equipment or Protective System: Adaptor for use with Headset
- [5] Applicant/ Manufacturer: Peltor AB
[6] Address: Box 2341
Malmstengatan 19
SE-331 02 Värnamo
SWEDEN
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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. 114984
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0 :2004
EN 60079-11 :2007
- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:

II 2 G **Ex ib IIC T4**

Oslo, 2008-12-11

Arle Hestrad
p. p. Rolf Hoel

Certification Manager, Ex-products

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

Postal address:
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N-0314 OSLO, NORWAY

Office address:
Gaustadalleen 30
0373 OSLO

Telephone:
+47 22 96 03 30
Fax:
+47 22 96 05 50

Enterprise number:
NO 974404532

**[13] Schedule****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 08ATEX1363**

- [15] Description of Equipment or Protective System
Adaptor for use with headset.
- Type designation
FL5242
- Technical Data
Ui = 15,6V, Ii = 4,7A, Pi = 1,3W, Ci = 474nF, Li = 2,2µH

[16] Report No. 114984

Descriptive Documents

Name/Title	Drawing No.	Rev.	Date	Sheets
PCBA for FL5242 (PCB layout)	K282_PCB_EDF	b	2008-11-20	7
PCB for FL5242	K282_SCHEMATIC	b	2008-11-20	1
Bill of material	K282A_BOM	b	2008-11-20	1
PCBA for FL5242 (Label and coating)	K282A_INFO_FILE	b	2008-11-20	2
Assembly drawing Adapter FL5242	P080459	c	2008-11-26	1
Wiring Instruction Adapter FL5242	P080487	c	2008-11-26	1
ATEX label for FL5242	P080511	a	2008-10-02	1

- [17] Special Conditions for Safe Use
None
- [18] Essential Health and Safety Requirements
See item 9

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**[1] EC-TYPE EXAMINATION CERTIFICATE**

[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

- [3] EC-Type Examination Certificate Number: Nemko 09ATEX1093
- [4] Equipment or Protective System: Adapter for use with headset
- [5] Applicant/ Manufacturer: 3M Svenska AB
- [6] Address: Box 2341
SE-331 02 Värnamo
SWEDEN
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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. 124940


- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

CENELEC EN 60079-0: 2006, CENELEC EN 60079-11: 2007

- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

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

 II 2 G Ex ib IIC T4 Ta : -20°C to +50°C

Oslo, 2009-04-27



Rolf Hoel
Certification Manager, Ex-products

FP3650 ver.1b

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Enterprise number:
NO 974404532

**[13] Schedule**

[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 09ATEX1093

- [15] Description of Equipment or Protective System

Adaptor for connection between radio and headset. The adaptor has a push button, a jack-plug and a permanently connected cable with a special connector.

Type Designations

FL5261

Technical Data

Ui = 8,4V, Ii = 450mA, Pi = 1,3W, Ci = 2,22µF, Li = 2,2µH

- [16] Report No. 124940

Descriptive Documents

Name/Title	Drawing No.	Rev.	Date	Sheets
Schematic drawing	K243 SCHEMATIC	d	2009-03-06	1
BOM	K243B_BOM	c	2009-03-06	1
WIRING INSTRUCTION FL5061 ADAPTOR	P070233	a	2007-05-29	1
ASSEMBLY DRAWING FL5061 ADAPTOR	P090090	a	2009-03-17	1
Electrical drawing file	K243_PCB_EDF	d	2009-03-06	7
ATEX-LABEL	P090121	a	2009-04-15	1

Routine Test

None

- [17] Special Conditions for Safe Use

None

- [18] Essential Health and Safety Requirements

See item 9

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