

# [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

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**[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** $U_i = 8,4V$ ,  $I_i = 450mA$ ,  $P_i = 1,3W$ ,  $C_i = 2,22\mu F$ ,  $L_i = 2,2\mu H$ **[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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