



1. **EC-TYPE EXAMINATION CERTIFICATE**

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

3. Reference: **VTT 11 ATEX 004X Issue 2**

4. Equipment: **Extension Cable for portable use**

Certified type: **SLAN[×] Extension Cable EX**

5. Manufactured by: **Atexor Oy**

6. Address: **Puurtajantie 16
FI-60510 Hyllykallio
Finland**

7. This equipment or protective system and any acceptable variations thereto is specified in the schedule and possible supplement(s) to this Certificate and the documents therein referred to.

8. VTT Expert Services Ltd, notified body number 0537, in accordance with Article 9 of the Council Directive 94/9/EC of 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 system intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential report VTT-S-03837-11.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with the standards:

EN 60079-0 (2009)

EN 60079-7 (2007)

EN 60079-31 (2009)



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. This certificate does not cover these.
12. The marking of the equipment or protective system shall include the following:



II 2 G Ex de IIC T4 Gb
II 2 D Ex tb IIIC T120 °C Db
IP66

Espoo, 9.10.2014
VTT Expert Services Ltd

Kari Koskela
Expert

Risto Sulonen
Product Manager

13. **Schedule**

14. **EC-TYPE EXAMINATION CERTIFICATE VTT 11 ATEX 004X Issue 2**

15. Description of Equipment

Construction: The cable for heavy industrial use (H07) with plug-and-socket devices. The socket is Ex-certified. The plug may be Ex-certified or suitable for industrial use.

Rated values:

U_N	12 V ... 240 V
I_N	16 A
f_N	0 Hz, 50 Hz or 60 Hz

Documents: Assembly drawing: CSEC16EX (dated 2011-05-26)

16. Report No. VTT-S-03837-11

17. Special conditions for safe use:

The allowed ambient temperature range is -20 °C...+55 °C.

The permissible cable shall be suitable for heavy industrial use (H07....) with the following conditions:

- Permissible cable length is max 25 m
- The minimum cross-sectional area of conductor is 2,5 mm²
- The insulation of conductor shall withstand continuous temperature of 90 C°

When loaded with a current the cable shall not be coiled or looped.

18. Essential Health and Safety Requirements

Met by compliance with the standards referred in point 9.

Certificate history

Issue	Date	Report No.	Comment
-	1.7.2011	VTT-S-03837-11	Prime certificate
1	7.2.2014	-	Change of the manufacturer's name and address and the type designation
2	9.10.2014	-	Extension of the allowed max ambient temperature to +55 °C

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