



DET NORSKE VERITAS

CERTIFICATE OF CONFORMITY

Certificate No. 76651-2010-PC-NOR-NA

This Certificate consists of 3 pages

This is to certify that the product(s)

Combined Passive Infrared and Microwave Detectors

with name and/or type designation(s)

DD100 and DD100PI

Manufactured by

UTC Fire & Security B.V.

WEERT, Netherlands

Has been assessed with respect to

EN 50131 Grade 2 environmental Class II

including relevant underlying normative references, and found to comply with the applicable requirements.

Further details are given overleaf

Place and date:

Høvik, 2010-05-06

This Certificate is valid until:

2015-05-06

for DET NORSKE VERITAS CERTIFICATION AS
Norway



Einar Jordfald
Certification Manager

Stian Mong
Technical Reviewer

Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction may render this certificate invalid.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: 76651-2010-PC-NOR-NA
Project No.: PRJC-224638-2010-PRC-NOR

Certificate history

Revision	Description	Issue Date
-	Original certificate	2010-05-06

Products covered by this Certificate

Product Description	Product Name
Grade 2 PIR/MW detector	DD100
	DD100PI

Applied Standards/Tests carried out

Product Name	Applied Standard
DD100	EN 50130-4:1995
DD100PI	EN 50130-5:1998
	EN 50131-2-4:2008

Applications/Limitations

DD100 DD100 PI	Security grade: 2 Environmental class: II
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Documents reviewed

Name	Description
Funksjonstester DD100.pdf	SP Test Report P901540:K, EN 50131-2-4:2008, functional tests
Miljøtester DD100_DD400.pdf	SP Test Report P901540:C, EN 50130-5:1998, environmental tests
Technical Report 2009-3581.pdf	DNV Test Report 2009-3581, EN 50131-2-4:2008, clause 6.3 and 6.7.6
DD100_EMC_report_98533120.pdf	KTL-Arnheim test report 98533120, EMC test report
DD100 Prufbericht.PDF	VdS test report STE 00/030, EMC test report
DD100PI Prufbericht.PDF	VdS test report STE 00/031, EMC test report
DD100 Series Dual Technology Detector Installation Sheet ML.pdf	Installation manual, doc no 145919999-3A R03.01



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Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/EEC, as amended, will apply
- The Certificate is only valid for the product(s) listed above
- The Certificate is concerned with the design of the product, only

The following may render this Certificate invalid:

- Changes in the design or construction of the product(s)
- Changes or amendments to the referenced directive(s)
- Changes or amendments in the standard(s) which form the basis for documenting compliance with the essential requirements of the directive(s)

END OF CERTIFICATE