



**Danfoss A/S**

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**FoodRetail**

Your ref.

Identification number

084R0803 / RR8CA402

Date

2012.02.24

## EC-DECLARATION OF CONFORMITY

**Danfoss A/S**

declares under our sole responsibility that the product(s)

**EKC 102, EKC 202, EKC 204 & AK-CC 200 series**

covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

**Regulation 2005/37/EC**

By fulfilling the requirements in the following standard:

**EN 13485, Nov 2001**

Approved by:

Date: 2012.02.24

Name: Peter Eriksen, Director R&D

DS/EN 13485 compliance scheme

<b>Thermometer</b>	
Suitable for storage	Yes
Suitable for transport	No
<b>I – General requirements</b>	
Measuring range	-35°C - +25°C
Autonomous power supply	No
Degree of protection provided by enclosure	IP 65 according to EN 60529 from the front
Supply voltage	230V a.c. +10%/-15% 115V a.c. +10%/-15%
Frequency	50/60Hz
<b>II – Requirements for metrological characteristics</b>	
Maximum permissible error and resolution and temperature measurement error	Class 1, using Pt1000 sensors (DIN IEC 751 class B).
Response time	Less than 20 minutes
Climatic environment and influence of ambient temperature	Type A
Mechanical vibrations	Not applicable
Shockproof ness	Not applicable
Climatic environment and temperature testing under storage and transport conditions for the recorder	0-55°C during operation -40°C - +70°C during transport 20 – 80% RH, not condensed
Electrical power disturbances and susceptibility to radiated electromagnetic field and dielectric strength	LVD tested according to EN 60730-1, EN 60730-2-1 and EN 60730-2-9 EMC tested according to EN 61000-6-2 and EN 61000-6-3

