



**Danfoss A/S**

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**EU-DECLARATION OF CONFORMITY**

**Danfoss A/S  
Automatic Control Division  
DK-6430 Nordborg, Denmark**

- declare under our sole responsibility that the product

**AKC 114 / AKC 115 / AKC 116  
AKC 114A / AKC 115A / AKC 116A  
AKC 114D / AKC 115D / AKC 116D  
AKC 114F / AKC 115F / AKC 116F**

- to which this declaration relates is in conformity with the following directive(s), standard(s) or other normative document(s), provided that it is used according to our instructions:

EU Directive 92/1/EEC  
By fulfilling the requirements in the following standards:  
EN 13485, 2001-12-21  
EN 13486, 2001-12-12

Date	Issued by	Date	Approved by
2005-08-23	Bent Seested Elec.Consultant	2005-08-23	Jes Christensen Quality Manager



DS/EN 13485 compliance scheme

<b>Thermometer</b>	
Suitable for storage	Yes
Suitable for transport	No
<b>I – General requirements</b>	
Measuring range	-50°C - +30°C
Autonomous power supply	No
Degree of protection provided by enclosure	IP 32 (IP 00 for panel mounting)
Supply voltage	230V 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 -50°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 and EN 60730-2-9 EMC tested according to EN 50081-1, EN 50082-1 and EN 61000-6-2