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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

EKC 301

- 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
2006-01-13	 Bent Seested Elec. Consultant	2006-01-13	 Jes Christensen Quality Manager



DS/EN 13485 compliance scheme

Thermometer	
Suitable for storage	Yes
Suitable for transport	No
I – General requirements	
Measuring range	-35°C - +25°C
Autonomous power supply	No
Degree of protection provided by enclosure	IP 20 (intended for switch board built in)
Supply voltage	230V a.c. +10%/-15%
Frequency	50/60Hz
II – Requirements for metrological characteristics	
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 and EN 60730-2-9 EMC tested according to EN 50081-1, EN 50082-1 and EN 61000-6-2

