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EU-DECLARATION OF CONFORMITY


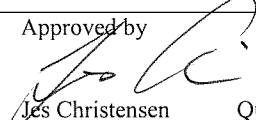
Danfoss A/S
Automatic Control Division
DK-6430 Nordborg, Denmark

- declare under our sole responsibility that the product

m2
Micromon

- 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 12830, 1999-10-11
EN 13486, 2001-12-12

Date	Issued by	Date	Approved by
2005-11-16	 Bent Seested Elec. Consultant	2005-11-16	 Jes Christensen Quality Manager



DS/EN 12830 compliance scheme

Thermometer m2/Micromon	
Suitable for storage	Yes
Suitable for transport	No
I – General requirements	
Measuring range	1) -35°C - +25°C using Pt1000 sensors (DIN IEC 751 class B). 2) Using Electronic Network Controllers please see data for applied controller
Chart (disk, type)	Not Applicable
Autonomous power supply	No
Degree of protection provided by enclosure	IP 20
Supply voltage	2 variants: 1) 230V a.c. +10%/-15% 2) 115 Vac +10/-15%
Frequency	50/60Hz
Power cut-offs	Log data are kept in none volatile memory and will not be lost at power cut-offs.
II – Requirements for metrological characteristics	
Maximum permissible error and resolution and temperature measurement error	Class 1, using Pt 1000 sensor (DIN IEC 751 class B). Class 1, using Electronic Network Controllers that comply with EN 13485, 2001-12-21
Recording interval	15 minutes
Recording duration	Depends upon size of log memory and no. of points (log interval of 15 minutes): 1) 400 days for 16 log points and 2 Mb log memory. 2) 270 days for 99 log points and 6 Mb log memory. 3) 1400 days for 16 log points and 6 Mb log memory. 4) 700 days for 8 log point and 2 Mb log memory
Maximum relative timing error and time recording error	Max. 1 hour per year
Response time	Less than 20 minutes
Climatic environment and influence of ambient temperature	Type A
Mechanical vibrations	Not applicable
Shock resistance	Not applicable
Climatic environment and temperature testing under storage and transport conditions for the recorder	0-50°C during operation -20°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

