



**Danfoss A/S**

Head Office:

DK 6430 Nordborg, Denmark

Telephone +45 74882222

**Food Retail**

Your ref.

Identification number

Date

080R3909

2015.02.09

## EC-DECLARATION OF CONFORMITY

**Danfoss A/S**

declares under our sole responsibility that the product(s)

**ERC 211, ERC 213, ERC 214 types & its variants**

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: 2015.02.09

Name: Peter Eriksen, Director R&D

DS/EN 13485 compliance scheme

Standard Requirement	Desired Value	Product Compliance	Remarks
Thermometer (Storage/ Transport)	Suitable for Storage	Storage	
<b>General Requirements (Air/ product)</b>	Air	Air	
Measuring range (Air temp measuring)	-30 to 20 degC	-40 to 180 degC	
Degree of protection for enclosure	IP20	IP 65	Front panel
Electrical safety	EN 61010	EN 60730	UL & CB approved for electrical safety
<b>Operating characteristics</b>			
External supply voltage (AC)	+10%,-15%	+10%/-15%	
Autonomous power supply (if applicable)	standby operating time without external supply	Not applicable	
Frequency	tolerance +/-3Hz	+/- 5Hz	
Electrical power disturbances and susceptibility to radiated electromagnetic field and dielectric strength (EMC)	EN 50081-1/82-1	EN 61000-6-2 EN 61000-6-3	End use application standard for EMC tests
<b>Meteorological</b>			
Accuracy (Range -30 to 30 degC)	Class 1: +/-1 degC Class 2: +/-2 degC	Class 1	When used with AKS 12 sensor
Resolution	Class 1: <0.5 degC Class 2: < 1 degC	0.1 degC Meets with Class 1	
Response time	Storage 20mins (max)	less than 20mins	
<b>Climatic environment</b>	Type A	Type A	
Operating condition	5 to 40 degC	-10 to 55 degC	
Limiting condition	0 to 50 degC	-10 to 55 degC	
Storage condition	-20 to 60 degC	-40 to 85 degC	
Vibration	Not applicable	-	
Shock resistance	Not applicable	-	

