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aSENSE

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Declaration of conformity

According to the EMC Directive 2004/108/EC

Type of equipment

CO₂ sensor

Brand name or trade mark

aSENSE

Type designation(s)/Model no(s)

040-8-00xx

Manufacturer's name, address, telephone & fax no

SenseAir AB

Box 96

SE-820 60 Delsbo, Sweden, Tel: + 46-653-717770, Fax: +46-653-71 77 89

The above stated equipment has been tested according to relevant parts of the following standards and has been found to comply with the required performance criteria stated therein.

Applicable standards:

EN 61326-1:2006 "Electrical equipment for measurement, control and laboratory use"

Emission: EN 61326-1:2006 class B equipment

Immunity: EN 61326-1:2006. Tested for basic immunity test requirements (table 1, part 6.2)

Compliant standards:

EN 61000-6-1:2007 "Immunity for residential, commercial and light-industrial environments"

EN 61000-6-3:2007 "Emission standard for residential, commercial and light-industrial environments"

Accordingly tests have been performed as specified in the following standards:

Basic standard	Compliant	Test of
CISPR 11:2007 - Industrial, scientific and medical equipment	Yes, class B, group 1	Radio-frequency disturbance characteristics
CISPR 11:2007	Yes, class B, group 1	Conducted emission
IEC 61000-3-2:2005	Not applicable ¹	Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
IEC 61000-3-3:2008	Not applicable ²	Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.

Note 1: Less than 75W. Note 2: Unlikely to produce significant voltage fluctuations or flicker.

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Basic standard	Compliant	Test of immunity to
IEC 61000-4-3:2006	Yes	Radiated, radio-frequency, electromagnetic field immunity test.
IEC 61000-4-6:2008	Yes	Immunity to conducted disturbances, induced by radio-frequency fields.
IEC 61000-4-4:2004	Yes	Electrical fast transient/burst immunity test.
IEC 61000-4-5:2005	Yes	Surge immunity test.
IEC 61000-4-2:1995	Yes, EN 61000-6-1:2007	Electrostatic discharge immunity test.
IEC 61000-4-11:2004	Yes	Voltage dips, short interruptions and voltage variations immunity tests.
IEC 61000-4-8:2009	Not applicable ³	Power frequency magnetic field immunity test.

Note 3: Not applicable since the EUTs do not contain any devices which are sensitive to the specified levels of magnetic fields.

Additional information

The product is CE-marked in 2007.

As manufacturer/ the manufacturer's authorized representative established within EEA, we declare under our sole responsibility that the equipment follows the provisions of the Directives stated above

Date and place of issue

Delsbo 2010-03-29

Signature of authorized person

Name & Position

Hans Martin, R & D Manager