

Declaration of conformity EMC Directive 2014/30/EC and RoHS Directive 2011/65/EU

Type of equipmentCO₂ Sensor**Brand name or trade mark**

aSENSE and aSENSE VAV

Type designation(s)/Model No(s)/Object of declaration

045-8-0xxx

Name, address and telephone of manufacturer

SenseAir AB

Box 96

SE-820 60 Delsbo, Sweden

Tel: + 46-653-717770

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant Union harmonization legislation according to the:

EMC Directive 2014/30/EC

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: 2013

"Electrical equipment for measurement, control and laboratory use"

Emission: EN 61326-1: 2013

Class B equipment

Immunity: EN 61326-1: 2013

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/A1: 2011

"Emission standard for residential, commercial and light industrial environments"



EN 61000-6-3: 2007/A1: 2011

| Basic standard | Compliant | Test of |
|---------------------|------------------------|------------------------------|
| CISPR 11: 2009 | Yes, class B, group 1 | Radiated emission |
| CISPR 11: 2009 | Yes, class B, group 1 | Conducted emission |
| IEC 61000-3-2: 2014 | Not applicable. Note 1 | Harmonics at power terminals |
| IEC 61000-3-3: 2013 | Not applicable. Note 2 | Flicker at power terminals |

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

EN 61000-6-1: 2007

| Basic standard | Compliant | Test of immunity to |
|---|-----------|---|
| IEC 61000-4-2: 2008 | Yes | ESD |
| IEC 61000-4-3: 2006/ A1: 2007/A2: 2010 | Yes | Radiated radio frequency fields |
| IEC 61000-4-4: 2012 | Yes | Electrical fast transients, Burst |
| IEC 61000-4-5: 2014 | Yes | Surge |
| IEC 61000-4-6: 2013 | Yes | Conducted disturbances induced by radio frequency fields |
| IEC 61000-4-11: 2004 | Yes | Voltage dips |

Additional information

The product was CE-marked in 2011.
EMC test report: No. 10248P



RoHS Directive 2011/65/EU

As manufacturer we declare under our sole responsibility that the equipment follows the provisions of the RoHS Directive stated above and it does not contain the following hazardous substances except in applications exempted from the restriction, exemption 7a lead in high temperature solder and exemption 7c, lead in glass or ceramics:

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd)
- Hexavalent Chromium (CrVI)
- Polybrominated Biphenyls (PBB)
- Polybrominated Diphenyl Ethers (PBDE)

A handwritten signature in blue ink, appearing to read 'Lennart Ivarsson', written over a horizontal line.

Lennart Ivarsson

CEO

The logo for SenseAir, featuring a stylized sun-like icon with the letters 'sa' inside, followed by the word 'SenseAir' in a blue sans-serif font, with 'Sensors for Life' written below it.A handwritten date '160426' in black ink, written over a horizontal line.

Date

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