Senseair

Issued date 2023-09-08

Product Change Notification

Dear Customer, we want to inform you about the following changes.

If you have any questions regarding this issue, don't hesitate to contact your salesperson or our customer service team. We're happy to help you.

Type of change:

☒ Product   ☐ Process   ☐ Specification   ☐ End-of-life   ☐ Other

Affected item(s):
Senseair Sunrise article number 006-0-0008
Senseair Sunlight CO2 article number 006-1-0100
Senseair Sunlight R32 article number 009-4-0001

Suggested replacement product(s):
N/A

Reason for change:

Not possible to read the sensor product code by I2C communication.
Upgraded firmware to have the possibility to read sensors product code by I2C and product code content changed from "Sunrise"/" Sunlight" to sensors article number.

An algorithm error in the I2C communication affects the EEPROM mapped variables corresponding to "Measurement Period" and "Number of Samples". When these variables are updated with values exceeding 255, the algorithm truncates them to modulo 256. Consequently, an I2C transaction can only modify these variables within the interval [0, 255].

Expected influence on performance:
None

Qualification, Validation plan and Results:
Tested and verified by Senseair according to ECR-000781.
Tested and verified by Senseair according to ECR-000784.

Identification of changed item:
These changes will be effective from firmware revision 4.09.
Firmware revision can be read out at register IR29 for Modbus and address 0x38 & 0x39 for I2C.
Sensor's product code will be accessible at address 0x70-0x7F in I2C registers and will read out the sensors article number in ascii format.

Implementation date for change:
Oct. 2023