

Information Letter Number: 243601

Date: 04.09.2024

Title: Datasheet and Design Guide Update / Clarification

Product Identification: STC31-C

Change Description:

There are no changes to the actual product. These updates include minor formatting and misspelling corrections, added details for handling specific responses, and important clarifications on measurement modes

Datasheet:

| Date | Version | Pages / Sections | Changes |
|------------|---------|------------------|--|
| Sept. 2024 | 3.2 | all | Minor corrections of spelling and format |
| | | 3.2 | Added additional information for handling NACK response to CRC byte |
| | | 3.3.7 | Added clarification: The resulting correction is only valid for the active measurement mode, binary gas and range. |

Design Guide:

| Date | Version | Section | Changes |
|----------------|---------|---------|--|
| September 2024 | 1.2 | 4.1 | Notice: The resulting correction is only valid for the active measurement mode, binary gas and range. |
| | | 6.2.2 | Notice added: Oxygen sensitivity of the low-cross-sensitivity measurement mode is much lower than for the low-noise mode. However, it does not correct within specifications and needs to be validated for the specific application. |

Estimated Implementation Date: Immediately, new documents are available