

Ellipse AHRS & INS

Errata sheet – Product change Notice

Document
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This notice is to inform you of a change that will be made to certain SBG Systems products. Any issues with this PCN or requirements to qualify the change must be sent to SBG Systems within 30 days of publication date. SBG Systems contact information is listed at the end of this document.

1. Description of issue – change

SBG Systems recently discovered an issue that affects Ellipse-E and Ellipse-N performance in their enclosed version. This issue causes the pressure sensor output to be low pass filtered due to a limited air flow through the venting system. This leads to a delay between the actual pressure and the pressure sensor output in the range of a second.

In order to fix that issue, the venting system has been changed to improve the air flow capacity, and reduce the pressure sensor output delay.

2. Affected products

- Ellipse-N products in boxed version with a **serial number below 042000194**
- Ellipse-E in boxed version with a **serial number below 041000121**

All OEM products are not affected by this issue.

2.1. Workaround for affected products

Customers who own an affected Ellipse device may:

- Return the Ellipse to SBG Systems for warranty replacement of the venting system – Return is at customer's charge.

Or, for quick repair: Use – carefully – a needle to make a hole in the venting system. Note in that case the product will not be specified in IP-68 anymore.