

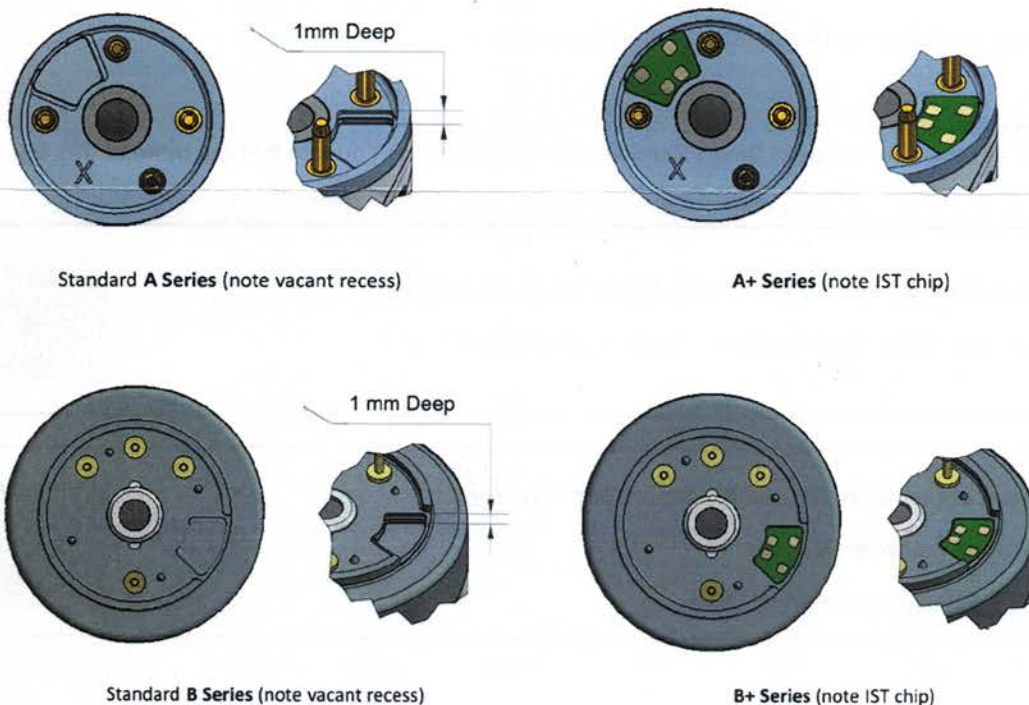
Modification to Alphasense A-Series and B-Series Sensors

Please be aware that we have made a minor modification to some Alphasense A-Series and B-Series electrochemical sensors in order to accommodate the upcoming A+ and B+ sensor variants.

The change involves the inclusion of a 1mm deep recess on the base of the sensor which is required to accommodate the Intelligent Smart Technology (IST) chip present on the A+ and B+ variants. Inclusion of the recess is required on standard A and B toxic sensors since they share the same body as the A+ and B+.

A-Series and B-Series sensor categories which are exempt from this change are O₂ sensors, PID sensors, Pellistors, NDIR sensors and Temp/Pressure/Humidity sensors. A link to the full list of affected sensors can be found at <https://www.alphasense.com/wp-content/uploads/2023/08/list.pdf>.

Sensors with this modification will begin to ship in the coming days and we anticipate all affected sensors models will be supplied with the recess within the next 2-3 months.



Customer consultation carried out during development of the A+ and B+ reassured that this change is unlikely to negatively impact on customers. If, however you do foresee an issue as a result of this modification please get in touch and we will be glad to assist. Likewise, if you have any questions which aren't covered in the below FAQ's please don't hesitate to get in touch by emailing sensors.alphasense@ametek.com.

The NEW A+ and B+ represent an exciting step forward in sensor technology and will be available in sample form at the end of Q3 and enter full production on Q4 of 2023. For more information visit <https://www.alphasense.com/smart-sensors/>.

Frequently Asked Questions

Q. What's changing?

A. Going forward, A and B series sensors listed below will feature a shallow recess in the base of the sensor.

Q. Why has this change been made?

A. The recess is incorporated to accommodate the IST (Integrated Smart Technology) Chip which features on the new A+ and B+ sensor models which share the same sensor body.

Q. When is this change happening?

A. Sensors with the recess added will be leaving the production line in the coming days. The change will be present on all affected sensors within the next 2-3 months.

Q. Which sensors are affected?

A. Most A-Series and B-Series toxic and exotic sensor categories are affected. Those which are exempt from this change are O2 sensors, PID sensors, Pellistors, NDIR sensors and Temp/Pressure/Humidity sensors. A link to the full list of affected sensors can be found [here](#) or using the links in this mail.

Q. Does this affect sensor performance or certification?

A. No – sensors will perform as they have and in line with datasheets.

Q. Does this change the overall dimensions of the sensor?

A. No – the overall height, width and diameter are unchanged.

Q. Where can I get a dimensional drawing?

A. Please reach out to us and we will be happy to provide.

Q. Are you stopping production of the standard A and B series?

A. No

Q. What are the A+ and B+?

A. The A+ and B+ are the new range of Smart Sensors from Alphasense. You can find out more at [this link](#).

For a **full list of affected sensors** follow the below link or use QR code.

<https://www.alphasense.com/wp-content/uploads/2023/08/list.pdf>



To **find out more about NEW A+ and B+ Smart Sensors** from

Alphasense use link below or QR code.

<https://www.alphasense.com/smart-sensors/>



If we can be of assistance, please don't hesitate to get in touch.

Kind regards,

Alphasense Customer Service Team

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www.alphasense.com