HMS

FAX

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Update of hardware platform for the Anybus-S module for Profibus-DP.

Dear Anybus Customer,

HMS Industrial Networks has a commitment to our valued customers to keep our products up to date. Therefore, during May 2008, HMS will start delivering the **Anybus-S Profibus-DP module (with parallel DPRAM Application interface) with a new updated hardware.**

- New Profibus-DP module, hardware version 2.0 will replace the current, hardware version 1.60.

There are several important reasons for these hardware updates. Firstly, increasing shipment volumes of the Anybus-S Profibus modules require HMS to improve the electronics technology used on the modules to be more suitable for high volume production. Secondly, replacing components that may become obsolete or discontinued, and components with long delivery times, ensures that HMS can maintain and improve delivery times to our customers. Using the NP30 network processor developed by HMS will also increase the Anybus performance. The NP30 has integrated memories, removing the dependencies on external memory suppliers. Another benefit of the new hardware design is the current consumption of the modules, which has been reduced by approximately 20%. Read more about the NP30 network processor on the HMS web site, www.anybus.com/technologies/embedded.shtml

Deadline for the transition to this new version is May 2008.

Orders placed, with the delivery date of May 15th or later, will be confirmed with the new hardware platform. Deliveries will start during May and depend on the stock situation at HMS. All part numbers (AB numbers) used for ordering the Anybus-S Profibus-DP modules will remain the same. HMS will add a "**–C**" suffix to the ABxxxx number to indicate the new version. For example, the current part number "**AB4005-B**" will be replaced by "**AB4005-C**" for this new version.

These changes will not affect any of the Anybus functionality or specifications of the modules since they are backward compatible with the current hardware and software.
All changes are within the mechanical and electrical specifications of Anybus-S (see ABS-design guide, rev 2.02).

Anybus-S Profibus-DP

The software within the Anybus-S Profibus-DP module has only been updated to work with the new hardware platform, and supports the same functionality as the previous version. The revision number of the new software version is 2.0.

The new Profibus-DP module is certified by the Profibus test center ComDeC in Germany and approved by PNO (Profibus user Organization).
Customers that have performed their own fieldbus certification of **their product** using the Anybus-S Profibus-DP module will need to update their certificate to stay conform. Please contact HMS for more information.

Anybus-S Profibus-DP modules that have been delivered, installed or are in the process of being installed are not affected. They are still certified and approved according to the previous version of the certificate.

The Anybus-S Profibus-DP module with serial application interface, (SCI) version and Anybus-S Profibus-DPV1 module with parallel application interface (DPRAM), has not been changed.

If you have any questions or would like to order a sample module, please contact your HMS sales person or your local HMS technical support team. For further details please feel free to also contact me at stk@hms.se.

With best regards,

HMS Industrial Networks AB

Stefan Källström

Product Manager Anybus