



Hottinger Baldwin Messtechnik GmbH

Hottinger Baldwin Messtechnik GmbH · Im Tiefen See 45 · D-64293 Darmstadt

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To Whom it may concern

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BE3200 customer information

HBM discovered during a product audit of CE compliance a design flaw in the following product:

- BE3200 test sequencer

This fact results in a potential safety risk in case of failure and leads to **non-compliance with CE requirements**.

The affected part of the product is:

- 1000V synchronisation input
- In case of breakdown of the isolation barrier on this input, a potential safety risk could occur

So far, none of the units out in the field did show such a breakdown.

The affected units are:

- Built after approx 1996/97^{*)}
- To identify the affected units, check the brand name on the unit. They are labelled with either Nicolet, LDS or HBM and carry the CE mark.

The following actions are taken to resolve the issue:

- New units:
 - o The product is under shipment stop, until the issue is resolved and a technical modification is implemented
- Existing units in the field (Nicolet, LDS, HBM – CE marked versions):
 - o Will be modified free of charge for the end-user
- Existing units in the field (Bakker – Non-CE marked version, built before the respective requirement was defined):
 - o Can be modified as a cost option, need new housing, new wiring, partly new electronics

Please contact us at BE3200@hbm.com to get your unit registered. You will then be contacted with more information about where, when and how the modification is made.



In the meantime, you will be able to eliminate the mentioned safety risk and operate a CE compliant instrument, if you follow these instructions to get clearly defined application conditions. If you use/need the synchronization input, please make sure:

- Do not apply voltages above 33 V (RMS) / 70 V (DC) to this input, and
- mark this limit clearly on the unit

For synchronization signals with higher amplitudes, additional precaution is required:

- an external isolated step-down transformer to lower the synchronization signal below the mentioned limits
- Compensate for the phase shift in the software with the help of the "Main delay" function.

After your instrument has been modified (see above), these measures won't be needed anymore.

Yours sincerely

Hottinger Baldwin Messtechnik GmbH

A handwritten signature in blue ink, appearing to read 'Z. Teleki', written in a cursive style.

i.V. Zoltan Teleki
Director of Marketing

A handwritten signature in blue ink, appearing to read 'H. W. Werner', written in a cursive style.

i.V. Hans W. Werner
Director of Integrated Management System

⁷ Similar units produced and sold under the brand name Bakker Electronics in the early 90's had a slightly different mechanical design and were not CE tested. The potential safety risk also exists for these units and the preventive actions outlined below can also be used for these units.