

Faster, easier, more reliable

The FieldBusPlug product system
Experiences of autmatec GmbH, Leimen

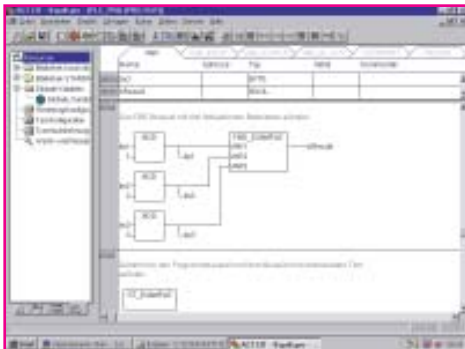


„ 50% reduction ...

... on **space** required in the control cabinet". This is the first assessment made by Klaus Nierula after the implementation of ABB's FBP system. As a project manager at automateg GmbH in Leimen in Baden, Klaus Nierula greatly appreciates such a potential reduction. The space saving is a result of the generally compact size of the FBP modules, but above all because of their multifunctionality. For example, the use of the Motorstarter Reverse MSR22-FBP with its 45 mm width creates additional space in the control cabinet and on the mount.



Standard technology FBP technology



The **time saving** is also immense. Klaus Nierula: "We compared two control cabinets. An employee required 2 to 3 days to complete the first with conventional technology, while the FBP cabinet with bus cables was completed in a fraction of the time. This was due on the one hand to the simplification in the installation of the devices. The terminals are located directly at the FBP module so that the cable can be connected to the module on-site. The internal wiring in the module is also very good. On the other hand, standard control modules are available for the software which are simple to implement and above all function smoothly."

The **low wiring costs** and the **direct bus connection** are further advantages with great savings potential which Klaus Nierula is enthusiastic about. "One only has to connect the FBP plug and the entire feedback from the modules operates via the bus. The entire connection from the PLC to the modules functions via the bus meaning that the I/Os and also the entire cross wiring are not necessary."





Practical experience

automatec GmbH provides complete solutions for the areas of measurement and regulation technology, automation and control systems, automatic check systems and low voltage switching systems. Competent contacts are available to you from the planning stages through to the implementation and commissioning of the appropriate system. Many years of experience, knowledge of the system and comprehensive know-how form the basis for innovative and customised solutions.

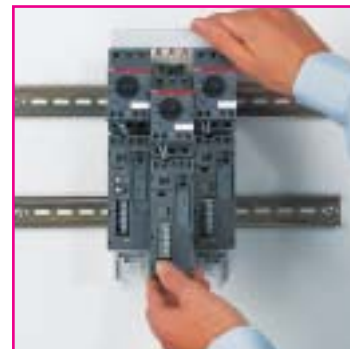


This of course also leads to **shorter commissioning times** because "faults can occur wherever there is wiring. The fewer cables, the fewer faults. That also means less test and diagnosis time in the commissioning. And that also means a higher quality of the entire system."

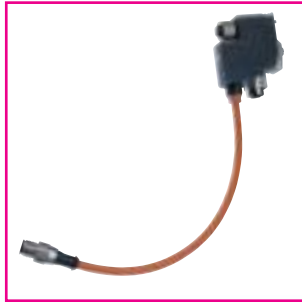


"What I also particularly like is the replacement of modules in the control cabinet. Modules can be easily removed and replaced by others without dismantling the comb-shaped bar." According to Klaus Nierula, this also considerably reduces **service times and downtimes**.

Project manager Nierula firmly believes that he is working with an extremely **profitable device family** in using the new FBP installation system by ABB, which particularly pays off when using many drives.



The FieldBusPlug product system



... consists of a range of control gear and automation components with an innovative field bus plug system. Each module provides a range of functions and can be connected to all standard field buses and automation systems via the FBP plug. Furthermore, extensive standardisations and integrated diagnosis functions provide a high degree of safety and also scope for new solutions.



The ABB logo, consisting of the letters 'ABB' in a bold, red, sans-serif font.

ABB STOTZ-KONTAKT GmbH
P. O. Box 10 16 80
69006 Heidelberg
Germany
Telephone: ++49 62 21 / 701-0
Telefax: ++49 62 21 / 701-1115
<http://www.abb.de/stotz-kontakt>