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Segment Checker – Simplify fieldbus planning

More than 4000 registered users trust it. New Version available!

Segment Checker, with more than 4000 registered users, is the tool of choice in state-of-the-art planning for your FOUNDATION fieldbus H1 and PROFIBUS PA segments. With only a few mouse clicks it is simple and easy to plan fieldbus projects. Segment Checker automates repetitive planning and engineering processes for the fieldbus physical layer. It checks voltage drop and load conditions of the segment and identifies deviations from the fieldbus standard, ensuring you that the network structure is plausible.

The latest release provides support for Windows Vista and Windows 7. It features improved device tagging and updated libraries, such as the latest FieldConnex fieldbus infrastructure components, our fieldbus power supplies, and Segment Protectors supporting Ex ic.

The new application guideline “Planning Fieldbus Segments in Safe and Hazardous Areas“ is available from the download page. It provides the combined knowledge of Pepperl+Fuchs fieldbus specialists and a step-by-step description on how to plan segments for reliable operation in the rugged environment of a process plant. With practical examples and a detailed comparison of methods for explosion protection, the application guide helps you get your fieldbus network right the first time – even before the first cable is installed. Practical tips validated from experience support the seasoned fieldbus experts and direct first-time users to make the right choices.

Segment Checker is available at www.segmentchecker.com

About Pepperl+Fuchs

Pepperl+Fuchs is a leading developer and manufacturer of electronic sensors and components for the global automation market. For more than 60 years, our continuous innovation, high quality products, and steady growth has guaranteed us continued success.

One Company – Two Divisions

Pepperl+Fuchs – PROTECTING YOUR PROCESS

The **Process Automation Division** is a market leader in intrinsically safe explosion protection. We offer comprehensive, application-oriented system solutions, including customer-specific control cabinet solutions for the process industry. A large portfolio of components is available from our various product lines: isolated barriers, fieldbus infrastructure solutions, remote I/O systems, HART interface solutions, level measurement devices, purge and pressurization systems, industrial monitors and HMI solutions, power supplies, separator alarm systems for oil and petrol separators, signaling equipment, lighting as well as emergency shutdown equipment and accessories.

Pepperl+Fuchs – SENSING YOUR NEEDS

With the invention of the inductive proximity sensor in 1958, the company set an important milestone in the development of automation technology. Under the motto “Sensing your needs”, customers benefit from tailor-made sensor solutions for **factory automation**. The main target markets of the factory automation are machine and plant construction, the automotive industry, storage and material handling, printing and paper industry, packaging technology, process equipment, door, gate and elevator construction, mobile equipment, renewable energies.

The division offers a wide product range of industrial sensors whether it’s inductive, photoelectric or ultrasonic sensors, rotary encoders, identification systems, barcodes, code readers for data-matrix-codes and vision sensors.

Key words: Segment Checker, fieldbus planning, FOUNDATION fieldbus H1, PROFIBUS PA, FieldConnex, power supply, explosion protection, intrinsic safety, Pepperl+Fuchs

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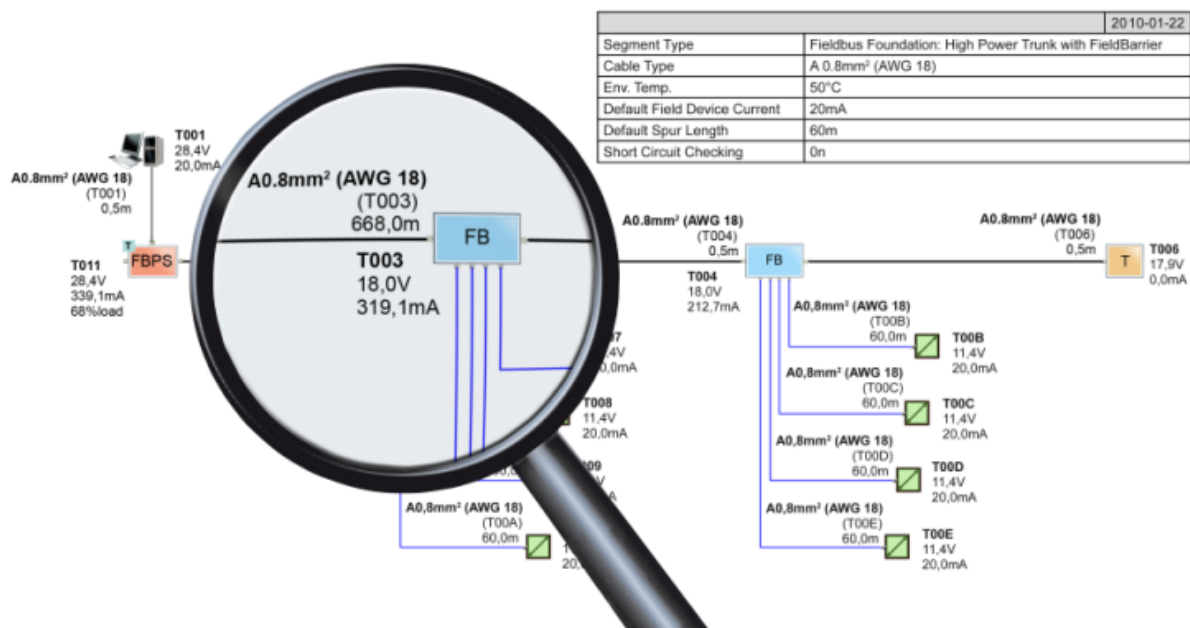


Fig. 1: Creating a segment takes just a few mouse clicks. Segment Checker immediately displays current and voltage at each connection point and indicates deviations from fieldbus specifications in color and clear text.