FieldConnex®

Type code

DTM-FC.ADM

User-Interface for Advanced Diagnostics, Professional Edition

Features

- Comprehensive Physical Layer measurements for one segment
- Diagnostics for any Foundation Fieldbus H1 or Profibus PA fieldbus network
- Wizard for automated commissioning reports
- Integrated oscilloscope with extensive selection of trigger events
- FDT/DTM based PC software

Function

The Diagnostic Manager displays measurements of the DM-AM Advanced Diagnostic Module via a USB interface. The software displays all measurement values with fast screen updates from the device.

To further aid troubleshooting activities, the integrated oscilloscope displays fieldbus signals in greatest detail. Many selectable trigger functions enable experts to pinpoint specific events and diagnose obscure fieldbus behavior.

The Diagnostic Manager in conjunction with the Advanced Diagnostic Module takes control of fieldbus Physical Layer, resulting in faster commissioning and reduced effort in troubleshooting. End-users, fieldbus experts and maintenance teams alike benefit from extensive measurements and reporting. All displays are simple and intuitive to use.
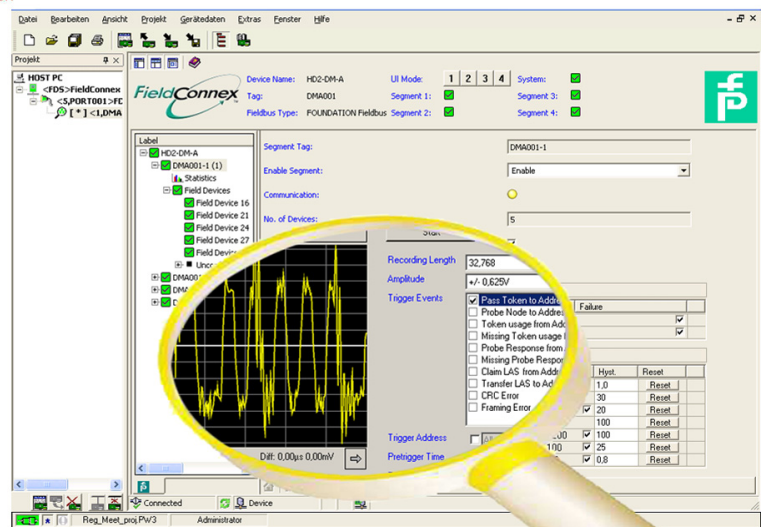
Accesssories

PACTware 3.0

FDT-Framework

Technical data

Software	
Hardware requirements	PC with 1 GHz processor and at least 512 MByte RAM
Operating system	Windows 2000 and XP, each with .NET framework 1.1 and **PACT***ware***TM** 3.0 SP 4
Languages	English
Licencing	Single licence: full functionality. One licence required per DM-AM Module.
Physical Layer Diagnostics	Bulk power health, segment voltage, unbalance, noise, signal level, signal polarity, jitter
Commissioning Wizard	Generates reports on physical layer and communications data per device or segment. Automates repetitive tasks during commissioning.
Snapshot Explorer	User interface to review the history of Physical Layer Measurement Reports stored.
Alarming and Trending	Early detection of changing conditions of the physical layer. Threshold and alarm levels are set by the Commissioning Wizard per device and segment, enabling tight control while at the same time eliminating false alarms.
History Data Export	Export of long-term history data to Excel and the file formats comma-separated (CSV) or binary for graphic analysis and diagram creation
Integrated oscilloscope	Displays fieldbus signals in waveform giving greatest detail. To aid troubleshooting activities, even seldom occuring events can be captured using the oscilloscope's many selectable trigger functions.

Notes

User Interface

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