

Four extremely useful books from PROFIBUS International!

The New Rapid Way to PROFIBUS DP

Intended as a reference work for field device manufacturers, system designers and plant operators the book includes in-depth coverage of many of the newer features of PROFIBUS DP including DP-V1 and DP-V2. It explains many new topics such as acyclic data communication; extensions of IEC 61158 with regard to Isochronous Mode, Data Exchange Broadcast, Time Synchronisation and Redundancy; the PROFIdrive and PROFIsafe profiles and new features of the GSD specification. Recommended reading for anyone contemplating design of PROFIBUS-compatible products and systems, the book contains detailed descriptions and diagrams of all the PROFIBUS DP telegram types, a comprehensive overview of many of the standard PROFIBUS ASICs for master and slave applications and in-depth guidance on how to implement them into devices.

The Rapid Way to PROFINET

The definitive guide to PROFINET, this new book – The Rapid Way to PROFINET - has been specially commissioned by PROFIBUS International to satisfy the growing demand for information on implementation of PROFINET. Written by Klaus Weber and Manfred Popp (author of The New Rapid Way to PROFIBUS DP) it is recommended reading for anyone contemplating design of PROFINET-compatible products and systems.

Recommendations for Cabling and Assembly

PROFIBUS International is publishing installation manuals for PROFIBUS. Focusing on practical application in the field, the installation manuals are authored in simple and straightforward language with numerous illustrations. See over for full details ...

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PROFIBUS Installation Guidelines for Cabling and Assembly and for Commissioning

PI (PROFIBUS & PROFINET International) is publishing an Installation Guide in three parts to support engineers working on the design, installation and commissioning of PROFIBUS systems.

The first part, "PROFIBUS Installation Guideline for Cabling and Assembly" is supplemented by an interactive software package (Web Based Training) which will run on any PC and tells you everything you need to know about assembly in an easy-to-understand format. The Web Based Training is available as a CD version inside the hard copy of "PROFIBUS Installation Guideline for Cabling and Assembly" or can be downloaded for free from the PROFIBUS Group Download Page at www.uk.profibus.com

"PROFIBUS Installation Guideline for Cabling and Assembly" (order code 8.021) explains how to assemble PROFIBUS connectors correctly, how to deal with cables and optical fibers and how to cable systems professionally. The guideline provides information about all standard connector types and connection methods and the various assembly steps are illustrated in the form of text and images. Numerous illustrations clearly describe how to lay cables correctly and highlight common errors made frequently in practice. Another important section deals with shielding, grounding and potential equalization, as well as providing information about how to avoid damage caused by ESD (Electrostatic Discharge).

Part 2, "PROFIBUS Installation Guideline for Commissioning" (order code 8.031) is now available in hard copy as well. This part describes how simple methods can be used to check existing cables. It presents a variety of checking devices and describes how acceptance tests are carried out. The guideline provides instructions for creating acceptance reports, step-by-step commissioning and troubleshooting. The descriptions of typical signal characteristics provide users with important status information about their systems. Separate sections deal with Sub-D connectors and 4- and 5-pin M12 connectors as well as optical fibers. The practical value of the manual is evident in the numerous illustrations, flow charts and checklists.

Both installation guidelines "Cabling and Assembly" and the "Commissioning" have been designed for practical, onsite use. They are spiral-bound, wipe clean and are printed on heavy duty paper in handy A5 format. Both parts can be purchased from The PROFIBUS Group using the form overleaf at £20.53 each including P&P and VAT - or the text & illustrations downloaded for free as PDF files from the PROFIBUS Group Download Page at www.uk.profibus.com