

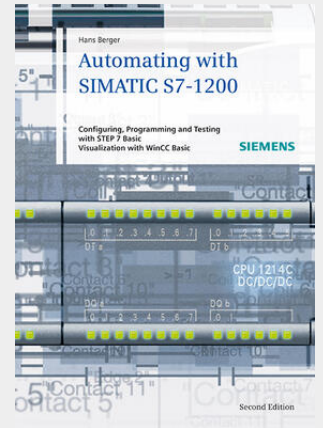
Berger

Automating with SIMATIC S7-1200

Configuring, Programming and Testing with STEP 7 Basic. Visualization with WinCC Basic

Neben Hardware-Komponenten der SPS SIMATIC S7-1200 werden vor allem deren Programmierung und Fehlersuche mit STEP 7 Basic V11 (TIA Portal) beschrieben: von der Konfiguration der Controller über die Anwendung der IEC-Sprachen KOP, FUP und SCL bis zum Programmtest.

The SIMATIC S7-1200 PLC offers a modular design concept with similar functionality as the well-known S7-300 series. Being the follow-up generation of the SIMATIC S7-200 the controllers can be used in a versatile manner for small machines and small automation systems. Simple motion control functionalities are both an integral part of the micro PLC and an integrated PROFINET interface for programming, HMI link and CPU-CPU communication. As part of Totally Integrated Automation (TIA) Portal, the engineering software STEP 7 Basic offers a newly developed user interface, which is matched to intuitive operation. The functionality comprises all interests concerning automation: From configuring the controllers via programming in the IEC languages LAD (ladder diagram), FBD (function block diagram) and SCL (structured control language) up to program testing. The book presents all of the hardware components of the automation system S7-1200, as well as its configuration and parameterization. A profound introduction into STEP 7 Basic V11 illustrates the basics of programming and trouble shooting. Beginners learn the basics of automation with SIMATIC S7-1200 and advanced users of S7-200 and S7-300 receive the knowledge required to work with the new PLC. Users of STEP 7 Professional V12 will easily get along with the descriptions based on the V11. With start of V12, the screens of the technology functions might differ slightly from the V11.



49,90 €

46,64 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9783895783852

Medium: Buch

ISBN: 978-3-89578-385-2

Verlag: PUBLICIS

Erscheinungstermin: 08.05.2013

Sprache(n): Englisch

Auflage: 2. überarbeitete und erweiterte Auflage 2013

Produktform: Gebunden

Gewicht: 1252 g

Seiten: 575

Format (B x H): 173 x 250 mm

