

SIEMENS

SIWAREX[®] CS

Device Manual

Status 6/2004



1 Preface

1.1 Purpose of Manual

This manual contains all the information required to set up and operate the SIWAREX CS.

1.2 Basic Knowledge Required

To understand this manual, general knowledge in the area of SIMATIC automation technology is required. Knowledge of weighing technology is an advantage.

1.3 Scope of Manual

This manual applies to the SIWAREX CS module:

Type	Name	Order number	From product revision (Version)	
SIWAREX CS	SIWAREX Compact Scale	7MH4910-0AA01	HW 2	FW V.1.0

Table 1-1 Scope of Manual

Note

This manual describes the SIWAREX CS weighing electronics as part of the SIMATIC ET 200S system and should be used as a supplement to the manual for the ET 200S.

Note

This manual contains a description of the module that is valid at the time of publication.

We reserve the right to supply new modules or newer versions of modules with product documentation containing current information about the module.

The layout of this manual is based on activities that must be performed as part of configuration, commissioning, operation and service / maintenance.

Chapter	Description of Content
<i>1 Preface</i>	Notes on using this manual
<i>2 Scope of Delivery</i>	Description of the SIWAREX CS scope of delivery
<i>3 Preface</i>	Overview of -Structure - Functionality - System integration of SIWAREX CS.
<i>4 Hardware Configuration and Assembly</i>	Description - of individual hardware components - of structure and installation - of connections - of preparations for operation.
<i>5 Weighing Functions</i>	Description of all weighing parameters and corresponding functions.
<i>6 Commands</i>	Description of commands that can be executed by SIWAREX CS.
<i>7 Messages and Diagnosis</i>	Description of messages with notes on problem resolution.
<i>8 Programming in SIMATIC STEP 7</i>	Description of data exchange with SIMATIC CPU. This chapter is aimed at those who are writing application software.
<i>9 Setting the Scale – SIWATOOL CS</i>	Description - Software installation - Software functions
<i>10 Calibrating Applications</i>	Description of conditions for calibration
<i>11 Accessories</i>	Ordering information for optional components such as: - Remote digital displays - Ex interface - STEP 7 software
<i>12 Technical Data</i>	Technical Data
<i>13 Index</i>	Index
<i>14 Abbreviations</i>	List of Abbreviations

Table 1-2 Overview of Chapter

1.4 Further Support

Do you have any more questions about using the SIWAREX CS? If so, please contact your Siemens representative in the office or business location responsible for your area or the SIWAREX technical support line Tel.: +49 (0)721 595 2811.

Updated information on SIWAREX weighing technology can be found on the relevant Internet site.

<http://www.siwarex.com>