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Manufacturer's Manual

7MH4950-2AA01

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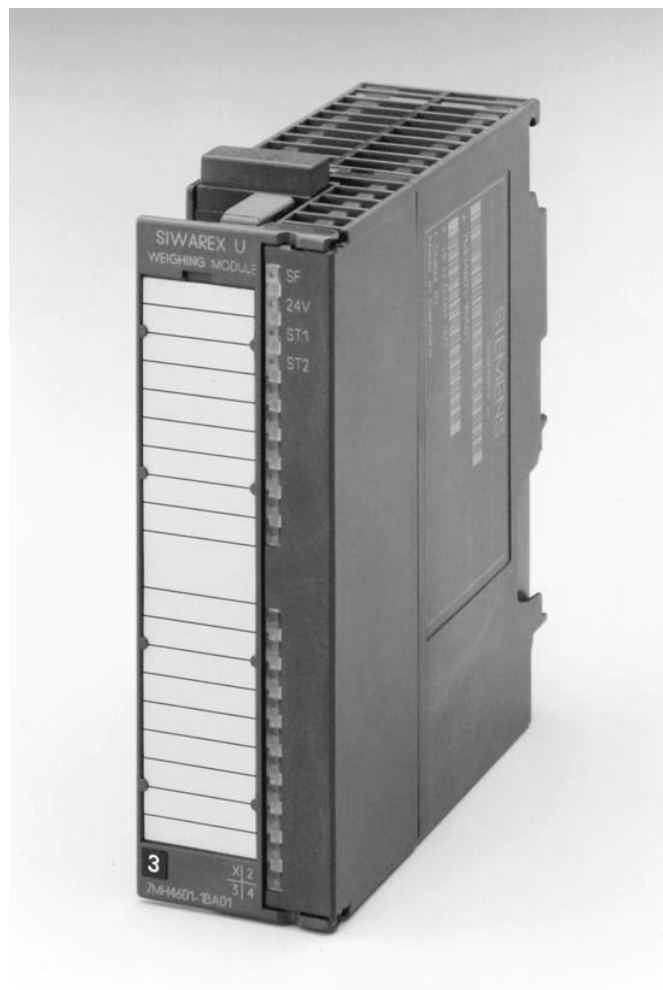


SIWAREX® U

Device manual

Version: 01/2012

For modules with order number 7MH4950-1AA01 and 7MH4950-2AA01



SIWAREX U

Universal weighing module for SIMATIC S7 300 and ET 200M

Technical manual for modules with order
number 7MH4950-1AA01 and 7MH4950-2AA01

Version 01/2012

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1 Preface

1.1 Purpose of the manual

In this manual you will find all the necessary information on the setup and operation of SIWAREX U.

1.2 Required basic knowledge

In order to be able to understand the manual, a general knowledge of SIMATIC automation technology is required. In addition, knowledge of weighing technology is beneficial.

1.3 Scope of this manual

This manual is valid for SIWAREX U modules which have been produced since October 2007.

Model	Name	Order number	From product revision (Version)	
SIWAREX U	SIWAREX U	7MH4950-1AA01	HW 1.0	FW 1.1
		7MH4950-2AA01		

Table 1-1 Scope of this manual

Note

The manual describes the weighing electronics SIWAREX U as part of the system SIMATIC S7 300 and ET 200M and is to be used in addition to the SIMATIC manuals.

Note

This manual contains the description of the modules which were valid at the time of publication.

We reserve the right to attach product information containing up-to-date information about the modules to new modules or modules in a later version.

12 Order numbers and accessories

There are essential and optional accessories for SIWAREX U.

The essential accessories are indicated in the following table.

	Order no.
SIWAREX U for SIMATIC S7 and ET 200M, incl. bus connectors, weight 0.3 kg	
• One-channel design ^{1) A)} for the connection of one scale	7MH4950-1AA01
• Two-channel design ^{2) A)} for the connection of two scales	7MH4950-2AA01
SIWAREX U device manual	
• In various languages Free download on the Internet at: www.siemens.de/waergetechnik	
Configuration package³⁾ SIWAREX U for SIMATIC S7 and TIA-Portal on CD-ROM	7MH4950-1AK02
• PC software SIWATOOL U (various languages), new design • Sample program "Getting started" – ready-made application for SIMATIC S7 • Device manual SIWAREX U on CD (various languages) • Quick Guide • HSP Hardware Support Package for incorporation of SIWAREX U in STEP 7 classic	
Configuration package SIWAREX U for PCS 7, Version 7.x in German and English on CD-ROM, block for CFC plan and face-plate (image block)	7MH4950-3AK61
SIWATOOL connection cable^{A)} from SIWAREX U/CS with serial PC port, for 9-pin PC ports (RS 232), length 3 m	7MH4607-8CA
Installation material (absolutely necessary)	
Front connector 20-pin with screw contacts (required for each SIWAREX module)	6ES7392-1AJ00-0AA0
Shield connection element sufficient for two SIWAREX U modules	6ES7390-5AA00-0AA0