

SIEMENS

SIWAREX[®] FTC

Device manual

Status: 10/2010



1 Preface

1.1 Purpose of the manual

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

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 applies to the SIWAREX FTC module:

Model	Name:	Order number	From product revision (version)	
SIWAREX FTC	SIWAREX Flexible Technology Continuous Weighing	7MH4900-3AA01	HW V1.0.0	FW V.5.3.1

Table 1-1 Validity of this manual

Note

The functionality of the loss-in-weight scale has been comprehensively extended. Firmware V 5.3.1 is not compatible with firmware up to 4.x. For this reason various adjustments must be made before the update. See [3.8](#)

Note

This manual contains the description of all modules that are valid at the time of publication.

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

The structure of the manual is oriented toward activities which have to be performed as part of configuration, commissioning and servicing.

1.4 Further support

Do you have any further questions on using the SIWAREX FTC? If so, please contact your Siemens representative in the department or branch responsible for your area, or contact technical support for SIWAREX (Tel.: +49 (0)721 595 2811).

Up-to-date information on SIWAREX weighing technology can be found on the Internet.

<http://www.siemens.de/siwarex>

14 Accessories

There are necessary and optional accessories for the SIWAREX FTC.

The essential accessories are indicated in the following table.

Description	Order no.
SIWAREX FTC Weighing electronics for continuous weighing for S7-300 and ET200M. EU construction type certification 3 x 6000d as non-automatic weighing machine Application areas: non-automatic weighing machine, force measurement, conveyor scale, loss-in-weight scale and bulk flow measurement device.	7MH4900-3AA01
• SIWAREX FTC device manual (The device manual is only available electronically and is available on the Internet at www.siemens.de/siwarex)	
SIWAREX FTC configuration package for SIMATIC S7 for non-automatic weighing machine, force measurement, loss-in-weight scale and bulk flow measurement device on CD-ROM • SETUP for S7 integration from Step7 V5.2 • S7 function block, Getting Started • PC parameter software SIWATOOL FTC_L • Manual on CD-ROM	7MH4900-3AK02
SIWAREX FTC_B configuration package for PCS7 V7.0 (conveyor scale only) on CD-ROM • SETUP for S7 integration • Function block for the CFC plan • Face plate for WINCC • PC parameter software SIWATOOL FTC_B • Manual on CD-ROM	7MH4900-3AK63
SIWAREX FTC_L configuration package for PCS7 V7.0 (loss-in-weight scale only) • SETUP for S7 integration • Function block for the CFC plan • Face plate for WINCC • PC parameter software SIWATOOL FTC_L • Manual on CD-ROM	7MH4900-3AK64
SIWATOOL -connection cable from SIWAREX FTC with a serial PC interface, for 9-pin PC interfaces (RS 232)	
• Length 2 m	7MH4702-8CA
• Length 5 m	7MH4702-8CB
• 40-pin front connector, with screw contacts (required for every SIWAREX module), alternatively with spring clamps - see next point	6ES7 392-1AM00-0AA00
• 40-pin front connector, with spring clamps (required for every SIWAREX module), alternatively with screw contacts - see next point	6ES7 392-1BM00-0AA00