

## Selection and Ordering data

Order No.

### SIWAREX FTA

7MH4900-2AA01

Legal-for-trade weighing electronics for automatic scales for S7-300 and ET 200M.

EU type approval 3 x 6000 d

Applications: proportioning, filling, bagging, loading.

Note: Observe approval conditions for applications with obligation of verification. We recommend using our calibration set and contacting our SIWAREX hotline.

### SIWAREX FTA Manual

available in a range of languages

Free download from the Internet at:

[www.siemens.de/waegetechnik](http://www.siemens.de/waegetechnik)

### SIWAREX FTA "Getting started"

Sample software shows beginners how to program the scales in STEP 7.

Free download from the Internet at:

[www.siemens.de/waegetechnik](http://www.siemens.de/waegetechnik)

### SIWAREX FTA configuration package for SIMATIC S7 on CD-ROM

7MH4900-2AK01

- HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7

- SIWAREX FTA "Getting started"

- SIWATOOL FTA commissioning software

- Flexible software for legal-for-trade display in WinCC

- Manual

### SIWAREX FTA configuration package for PCS 7 V6.x on CD-ROM

7MH4900-2AK61

- HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7

- Function block for CFC

- Faceplate

- SIWATOOL FTA commissioning software

- Manual

### SIWAREX FTA configuration package for PCS 7 V7.0 on CD-ROM

7MH4900-2AK62

- HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7

- Function block for CFC

- Faceplate

- SIWATOOL FTA commissioning software

- Manual

### Calibration set for SIWAREX FTA

Order No.

7MH4900-2AY10

For verification of up to 5 scales comprising:

- 3 x inscription foil for labeling
- 1 x protection foil
- 10 x EU verification marks (black M on green background)
- Guidelines for verification, verification certificates and approvals, adaptable label, SIWAREX FTA Manual on CD-ROM

### SIWAREX Multiscale

STEP 7 software for SIWAREX FTA. Control of one or more scales for a scalable number of components and any number of recipes. Applications: batching plants, mixers in production process, CD-ROM

7MH4900-2AL01

### SIWAREX Multifill

STEP 7 software for SIWAREX FTA. Control of filling and bagging processes for one or more filling stations and any number of materials, CD-ROM

7MH4900-2AM01

**SIWATOOL cable** from SIWAREX FTA with serial PC interface, for 9-pin PC interfaces (RS 232)

2 m long

7MH4702-8CA

5 m long

7MH4702-8CB

### 40-pin front plug with screw contacts

(required for each SIWAREX module), alternatively with spring-loaded contacts

6ES7392-1AM00-0AA0

### 40-pin front plug with spring-loaded contacts

(required for each SIWAREX module), alternatively with screw contacts

6ES7392-1BM01-0AA0

### Shield contact element

Sufficient for one SIWAREX FTA module

6ES7390-5AA00-0AA0

### Shield connection terminal

Contents: 2 units (suitable for cable with diameter 4 ... 13 mm)

Note: one shield connection terminal each is required for:

- Scale connection
- RS 485 interface
- RS 232 interface

6ES7390-5CA00-0AA0

### S7 DIN rail

160 mm

6ES7390-1AB60-0AA0

480 mm

6ES7390-1AE80-0AA0

530 mm

6ES7390-1AF30-0AA0

830 mm

6ES7390-1AJ30-0AA0

2000 mm

6ES7390-1BC00-0AA0

	Order No.
<p><b>PS 307 load power supply</b> (only required if DC 24 V is not available) 120/230 V AC; 24 V DC</p> <p>PS 307-1B; 2 A</p> <p>PS 307-1E; 5 A</p> <p>PS 307-1K; 10 A</p>	<p><b>6ES7307-1BA00-0AA0</b></p> <p><b>6ES7307-1EA00-0AA0</b></p> <p><b>6ES7307-1KA00-0AA0</b></p>
<p><b>MMC memory</b> for data recording up to 16 MByte</p>	<b>7MH4900-2AY20</b>
<p><b>Remote display (optional)</b> The Siebert S102 and S302 remote digital display can be directly connected to the SIWAREX FTA via an RS 485 interface.</p> <p><i>Siebert Industrieelektronik GmbH</i> <i>P.O. Box 1180</i> <i>D-66565 Eppelborn</i> <i>Tel.: 06806/980-0</i> <i>Fax: 06806/980-999</i> <i>Internet: <a href="http://www.siebert.de">http://www.siebert.de</a></i></p> <p>Detailed information available from manufacturer.</p>	
<p><b>SIWAREX JB junction box, aluminium housing</b></p> <p>for connecting up to 4 load cells in parallel, and for connecting several junction boxes</p>	<b>7MH4710-1BA</b>
<p><b>SIWAREX JB junction box, stainless steel housing</b></p> <p>for connecting up to 4 load cells in parallel</p>	<b>7MH4710-1EA</b>
<p><b>Ex interface, type SIWAREX Pi</b></p> <p>With UL and FM approvals, but <b>without ATEX approval</b> for intrinsically-safe connection of load cells, suitable for the SIWAREX U, CS, MS, FTA, FTC and M weighing modules. Not approved for use in the EU.</p>	<b>7MH4710-5AA</b>
<p><b>Manual for Ex interface type SIWAREX Pi</b></p>	<b>C71000-T5974-C29</b>
<p><b>Ex interface, type SIWAREX IS</b></p> <p>With ATEX approval, but <b>without UL and FM approvals</b> for intrinsically-safe connection of load cells, including manual, suitable for the SIWAREX U, CS, MS, FTA, FTC, M and CF weighing modules. Approved for use in the EU.</p> <ul style="list-style-type: none"> <li>• With short-circuit current &lt; 199 mA DC</li> <li>• With short-circuit current &lt; 137 mA DC</li> </ul>	<p><b>7MH4710-5BA</b></p> <p><b>7MH4710-5CA</b></p>

<b>Cable (optional)</b>	Order No.
<p><b>Cable Li2Y 1 x 2 x 0.75 ST + 2 x (2 x 0.34 ST) - CY, orange sheath</b></p> <p>to connect SIWAREX U, CS, MS, FTA, FTC, M and CF to the junction box (JB), extension box (EB) or Ex interface (Ex-I) or between two JB's, for fixed laying, occasional bending permitted, 10.8 mm outer diameter, for ambient temperature -40 ... +80 °C</p>	<b>7MH4702-8AG</b>
<p><b>Cable Li2Y 1 x 2 x 0.75 ST + 2 x (2 x 0.34 ST) - CY, blue sheath</b></p> <p>to connect the junction box (JB) or extension box (EB) in a potentially explosive atmosphere to the Ex interface (Ex-I), for fixed laying, occasional bending permitted, blue PVC insulating sheath, approx. 10.8 mm outer diameter, for ambient temperature -40 ... +80 °C</p>	<b>7MH4702-8AF</b>
<p><b>Cable LiYCY 4 x 2 x 0.25 mm<sup>2</sup> D)</b></p> <p>for TTY (connect 2 pairs of conductors in parallel), for connection of a remote display</p>	<b>7MH4407-8BD0</b>

D) Subject to export regulations AL: N, ECCN: EAR99H.