

**Selection and Ordering data**

Order No.

**SIWAREX U**

For SIMATIC S7 and ET 200M, incl. bus connector, weight 0.3 kg (6.61 lb)

Single-channel version<sup>1)</sup> for connecting one scale D)

**7MH4950-1AA01**

Two-channel version<sup>2)</sup> for connecting two scales D)

**7MH4950-2AA01****SIWAREX U manual**

Available in a range of languages

Free download on the Internet at: <http://www.siemens.com/weightingtechnology>

**SIWAREX U configuration package for SIMATIC S7, Version 5.4 or higher****7MH4950-1AK01**

on CD-ROM

- PC SIWATOOL U software (available in a range of languages), new design
- Sample program "Getting started" – ready to use application for SIMATIC S7
- SIWAREX U manual on CD (available in a range of languages), new design
- HSP Hardware Support Package for integrating SIWAREX U in STEP 7

**SIWAREX U configuration package for PCS 7, version 6.x****7MH4683-3BA64**

Suitable for 7MH4601-1\*AA01 and 7MH4950-\*AA01  
Available in German and English on CD-ROM, module for the CFC and faceplate

**SIWAREX U configuration package for PCS7 S7, Version 7.0 and V7.1 or higher****7MH4950-3AK61**

Suitable for 7MH4950-1AA01 and 7MH4950-2AA01

on CD-ROM

- HSP Hardware Support
- Package for integrating SIWAREX U in STEP 7
- Function block for CFC
- Faceplate
- SIWATOOL U commissioning software
- Manual

**SIWATOOL cable****7MH4607-8CA**

from SIWAREX U/CS with serial PC interface, for 9-pin PC interfaces (RS 232), 3 m long (9.84 ft)

**Installation material (mandatory)****20-pin front plug with screw contacts**

(required for each SIWAREX module)

**6ES7392-1AJ00-0AA0****Shield contact element**

Sufficient for two SIWAREX U modules

**6ES7390-5AA00-0AA0****Shield connection terminal**

Contents: 2 units (suitable for cable with diameter 4 ... 13 mm (0.16 ... 0.51 inch))

Note:  
one shield connection terminal each is required for:

- Scale connection
- RS 485 interface
- RS 232 interface

Order No.

**6ES7390-5CA00-0AA0****S7 DIN rail**

- 160 mm (6.30 inch)
- 480 mm (18.90 inch)
- 530 mm (20.87 inch)
- 830 mm (32.68 inch)
- 2 000 mm (78.74 inch)

**6ES7390-1AB60-0AA0****6ES7390-1AE80-0AA0****6ES7390-1AF30-0AA0****6ES7390-1AJ30-0AA0****6ES7390-1BC00-0AA0****Accessories (optional)****PS 307 load power supplies**  
(only required if 24 V DC not available)

120/230 V AC; 24 V DC, incl. power connector

PS 307-1B; 2 A

**6ES7307-1BA00-0AA0**

PS 307-1E; 5 A

**6ES7307-1EA00-0AA0**

PS 307-1K; 10 A

**6ES7307-1KA00-0AA0****Labeling strips**

(10 units, spare part)

**6ES7392-2XX00-0AA0****Remote displays (option)**

The digital remote displays can be connected directly to SIWAREX U through a TTY interface.

The following remote displays can be used:

S102, S302

**Siebert Industrieelektronik**

GmbH

P.O. Box 1180

D-66565 Eppelborn

Tel.: +49 6806/980-0

Fax: +49 6806/980-999

Internet: <http://www.siebert.de>

Detailed information available from manufacturer.

**SIWAREX JB junction box, aluminium housing****7MH4710-1BA**

for connecting up to 4 load cells in parallel, and for connecting several junction boxes

**SIWAREX JB junction box, stainless steel housing****7MH4710-1EA**

for connecting up to 4 load cells in parallel

**Ex interface, type SIWAREX Pi****7MH4710-5AA**

With UL and FM approvals, but **without ATEX approval** for intrinsically-safe connection of load cells, suitable for the SIWAREX U, CS, MS, FTA and FTC weighing modules.

**Not approved for use in the EU.**

**Manual for Ex interface SIWAREX Pi****C71000-T5974-C29**

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

**Selection and Ordering data** (continued)

Order No.

**Ex interface, type SIWAREX IS**

With ATEX approval, but **without UL and FM approvals**, for intrinsically-safe connection of load cells, including manual suitable for the SIWAREX U, CS, MS, FTA, FTC and CF weighing modules.

Approved for use in the EU.

- With short-circuit current < 199 mA DC
- With short-circuit current < 137 mA DC

**7MH4710-5BA****7MH4710-5CA****Cable (optional)****Cables Li2Y 1 x 2 x 0.75 ST + 2 x (2 x 0.34 ST) – CY, orange sheath**

to connect SIWAREX U, CS, MS, FTA, FTC and CF to the junction box (JB), extension box (EB) or Ex interface (Ex-I) or between two JBs, for fixed laying, occasional bending permitted, 10.8 mm (0.43 inch) outer diameter, for ambient temperature -40 to +80 °C (-40 ... +176 °F)

**7MH4702-8AG****Cable Li2Y 1 x 2 x 0.75 ST + 2 x (2 x 0.34 ST) - CY, blue sheath**

to connect the junction box (JB) or extension box (EB) in a potentially explosive area to the Ex interface (Ex-I), for fixed laying, occasional bending permitted, blue PVC insulating sheath, approx. 10.8 mm (0.43 inch) outer diameter, for ambient temperature -40 ... +80 °C (-40 ... +176 °F)

**7MH4702-8AF**

**Cable LiYCY 4 x 2 x 0.25 mm<sup>2</sup>** D) for TTY (connect 2 pairs of conductors in parallel), for connection of a remote display

**7MH4407-8BD0**

<sup>1)</sup> Compatible with 7MH4601-1AA01; supply of load cells changed to 6 V DC.

<sup>2)</sup> Compatible with 7MH4601-1BA01; supply of load cells changed to 6 V DC.

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