| Selection and Ordering data | Order No. |
|---|---|
| **SIWAREX FTC** | **7MH4900-3AA01** |
| Weighing electronics for S7-300 and ET 200M. Applications: Belt scales, force measurement, loss-in-weight scales and bulk flow meters | |
| **SIWAREX FTC_B Manual for belt scales** | |
| Available in a range of languages Free download from the Internet at: www.siemens.de/waegetechnik | |
| **SIWAREX FTC_L Manual for bulk flow meters and loss-in-weight scales** | |
| Available in a range of languages Free download from the Internet at: www.siemens.de/waegetechnik | |
| **SIWAREX FTC "Getting started" for belt scales** | |
| Sample software shows beginners how to program the scales in STEP 7 for belt scale mode Free download from the Internet at: www.siemens.de/waegetechnik | |
| **SIWAREX FTC "Getting started" for bulk flow meters** | |
| Sample software shows beginners how to program the scales in STEP 7 for bulk flow meter mode Free download from the Internet at: www.siemens.de/waegetechnik | |
| **SIWAREX FTC "Getting started" for loss-in-weight scales** | |
| Sample software shows beginners how to program the scales in STEP 7 for loss-in-weight scale mode Free download from the Internet at: www.siemens.de/waegetechnik | |
| **SIWAREX FTC_B configuration package for SIMATIC S7 on CD-ROM (belt scale)** | **7MH4900-3AK01** |
| • HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7 | |
| • "Getting started" for belt scales | |
| • Commissioning software SIWATOOL FTC_B for belt scales | |
| • Manual | |

| | Order No. |
|---|---|
| **SIWAREX FTC_L configuration package for SIMATIC S7 on CD-ROM (bulk flow meter, loss-in-weight feeder)** | **7MH4900-3AK02** |
| • HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7 | |
| • "Getting started" for bulk flow meters | |
| • "Getting started" for loss-in-weight feeders | |
| • Commissioning software SIWATOOL_L for bulk flow meters and loss-in-weight feeders | |
| • Manual | |
| **SIWAREX FTC_B configuration package for PCS 7 V6.x on CD-ROM (belt scale)** | **7MH4900-3AK61** |
| • HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7 | |
| • Function block for CFC | |
| • Faceplate | |
| • Commissioning software SIWATOOL FTC_B for belt scales | |
| • Manual | |
| **SIWAREX FTC_B configuration package for PCS 7 V7.0, V7.1 on CD-ROM (belt scale)** | **7MH4900-3AK63** |
| • HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7 | |
| • Function block for CFC | |
| • Faceplate | |
| • Commissioning software SIWATOOL FTC_B for belt scales | |
| • Manual | |
| **SIWAREX FTC_L configuration package for PCS 7 V7.0, V7.1 on CD-ROM (loss-in-weight feeder)** | **7MH4900-3AK64** |
| • HSP Hardware Support Package for integrating SIWAREX FTA/FTC in STEP 7 | |
| • Function block for CFC | |
| • Faceplate | |
| • Commissioning software SIWATOOL FTC_L for bulk flow meters and loss-in-weight feeders | |
| • Manual | |
| **SIWATOOL cable** from SIWAREX FTC 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** | **6ES7392-1AM00-0AA0** |
| (required for each SIWAREX module), alternatively with spring-loaded contacts | |
| **40-pin front plug with spring-loaded contacts** | **6ES7392-1BM01-0AA0** |
| (required for each SIWAREX module), alternatively with screw contacts | |

| | Order No. |
|---|---|
| **Shield contact element** | **6ES7390-5AA00-0AA0** |
| Sufficient for one SIWAREX FTC module | |
| **Shield connection terminal** | **6ES7390-5CA00-0AA0** |
| 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 | |
| **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** |
| **PS 307 load power supply** (only required if DC 24 V is not available) | |
| 120/230 V AC; 24 V DC | |
| PS 307-1B; 2 A | **6ES7307-1BA00-0AA0** |
| PS 307-1E; 5 A | **6ES7307-1EA00-0AA0** |
| PS 307-1K; 10 A | **6ES7307-1KA00-0AA0** |
| **MMC memory** for data recording up to 16 MByte | **7MH4900-2AY20** |

*Remote displays (option)*

| | |
|---|---|
| The Siebert S102 and S302 remote digital display can be directly connected to the SIWAREX FTC via an RS 485 interface. (not suitable for mode "Belt scale") | |
| *Siebert Industrieelektronik GmbH* *P.O. Box 1180* *D-66565 Eppelborn* *Tel.: 06806/980-0* *Fax: 06806/980-999* *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, FTC and M weighing modules. Not approved for use in the EU. | |
| **Manual for Ex interface type SIWAREX Pi** | **C71000-T5974-C29** |

| | 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, M and CF weighing modules. Approved for use in the EU. | |
| • With short-circuit current < 199 mA DC | **7MH4710-5BA** |
| • With short-circuit current < 137 mA DC | **7MH4710-5CA** |

*Cable (optional)*

| | |
|---|---|
| **Cable Li2Y 1 x 2 x 0.75 ST + 2 x (2 x 0.34 ST) - CY, orange sheath** | **7MH4702-8AG** |
| 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 JBs, for fixed laying, occasional bending permitted, 10.8 mm outer diameter, for ambient temperature -40 ... +80 °C | |
| **Cable Li2Y 1 x 2 x 0.75 ST + 2 x (2 x 0.34 ST) - CY, blue sheath** | **7MH4702-8AF** |
| 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 | |
| **Cable LiYCY 4 x 2 x 0.25 mm²** D) | **7MH4407-8BD0** |
| for TTY (connect 2 pairs of conductors in parallel), for connection of a remote display | |

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