

SIWAREX WEIGHING SYSTEMS

Product Data Sheet

7MH4553-1AA41

SIWAREX weighing module

FUNCTION SIWAREX weighing module	FAMILY SIWAREX weighing systems	ORIGIN Germany	WEIGHT 1 kg
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Siemens SIWAREX 7MH4553-1AA41 is a SIWAREX weighing module for the SIWAREX weighing systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Module Type	SIWAREX FTA
Measurement Channels	1
Trade Approval	Legal-for-trade
Host Systems	S7-300 / ET 200M
Load Cell Interface	Strain-gauge bridge
Serial Interface	RS 232 / RS 485
Control Supply	24 V DC
Resolution	16 million digits
Protection Class	IP20
Mounting	S7-300 rail

- Acquire one legal-for-trade weight channel: Use 7MH4553-1AA41 with the approved load-cell circuit and mechanical scale arrangement. Preserve calibration, characteristic data and verified zero and span records.
- Coordinate weight-dependent process sequences: Integrate 7MH4553-1AA41 with the configured S7-300 or ET 200M controller for dosing, filling and cutoff control while retaining legal metrology settings where applicable.
- Validate calibration and communication: Check load-cell excitation, signal stability, serial communication, zero, span and test weights before accepting 7MH4553-1AA41 for production or trade use.

Match 7MH4553-1AA41 to the installed SIWAREX weighing systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

Siemens Industry Mall technical product data

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=7MH4553-1AA41>