

SIWAREX U WEIGHING ELECTRONICS

Product Data Sheet

7MH4950-1AA01

SIWAREX U single-channel weighing module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIWAREX U single-channel weighing module	SIWAREX U weighing electronics	Germany	Confirm before dispatch

Siemens SIWAREX 7MH4950-1AA01 is a SIWAREX U single-channel weighing module for the SIWAREX U weighing electronics. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	7MH4950-1AA01
Product Class	Siwarex U Single-Channel Weighing Module
Product Family	SIWAREX U weighing electronics
Measurement Channels	1 weighing channel
Load-Cell Supply	10 V DC
Load-Cell Interface	Four- or six-wire strain gauge
Resolution	16 million internal steps
Update Rate	50 Hz class
Permitted Load Cells	1 to 4 × 350 Ω
PLC Interface	SIMATIC S7-300 backplane

Digital Inputs	2
Digital Outputs	2 (Digital Outputs)
Parameterization	SIWATOOL U

- Support strip transport with Siwarex U process control: Within the bridle rolls and coilers, 7MH4950-1AA01 serves its documented function as a SIWAREX U single-channel weighing module. During threading, the system uses this function to balance speed and torque between connected sections, helping it maintain strip tension through the line.
- Verify aseptic filling with Siwarex U process control: For the coordinated operation of the fillers and container conveyors, 7MH4950-1AA01 serves its documented function as a SIWAREX U single-channel weighing module. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.
- Supervise automated storage with Siwarex U process control: At the control layer of the stacker cranes and storage positions, 7MH4950-1AA01 provides its specified system function as a SIWAREX U single-channel weighing module. During buffer release, the system uses this function to release material according to downstream availability, helping it prevent overfilling the next buffer.

Match 7MH4950-1AA01 to the installed SIWAREX U weighing electronics, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/7MH4950-1AA01>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM