



PROCESS INSTRUMENTATION

Excellent performance in the smallest places

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SIWAREX WP321 - the new highlight for SIMATIC ET 200SP

- Compact design with flexible weighing technology
- Seamless integration into SIMATIC
- Individual weighing applications
- High speed, resolution and accuracy

SIEMENS

Customized meets **compact design**



The new compact and flexible technology module SIWAREX WP321 fits perfectly into the SIMATIC ET 200SP product line.

This weighing system excels with its variable station structure and compact design. Multi-functionality, modularity and free scalability are the most important features, which comply with SIMATIC ET 200SP in the distributed automation.

SIWAREX WP321 offers all features of a modern automation system: SIMATIC Step 7 and WinCC flexibility, integrated communication, operation and control, diagnosis, and configuration tools in the TIA Portal.

You need a customized application for your weighing processes? The module's configuration package and "ready-for-use" application for SIMATIC enable fast implementation of customer- and industry-specific solutions.

Platform scales, gravimetric measurement of silos and hoppers, or weighing in explosive areas – SIWAREX WP321 is completely flexible in configuring any of these weighing applications and suits a variety of requirements.

You can easily reach and edit all weighing parameters from the CPU via a specific function bloc. This enables parameterization and commissioning of the scale directly from the CPU or even from a touch panel.

Using SIWATOOL software, parameterization and commissioning is also possible on site – without any SIMATIC knowledge.

Easily create back-up data so that later you can exchange or make adjustments within seconds. This means time savings for maintenance and service staff and increased plant availability.

A measuring rate of ten milliseconds in combination with a resolution of up to ± 2 million parts guarantees a fast and accurate measuring of weights and forces.

Up to three integrated and freely definable limit values ensure the highest in process security. Zeroing and taring functions complete the range of a compact, fast, and fully integrated scale.





1 Flexible:
Freely programmable weighing applications and force measurements

2 Compact:
Very small module width of only 15 mm

3 Integrated:
Seamless integration in the SIMATIC environment

4 Accurate:
Resolution of up to +/- 2 million parts, measuring rate of 10 ms

Standard specification	SIWAREX WP321
Applications	Platform scales, silo and hopper weighing, weighing in explosive areas, force measurement
Resolution	up to +/- 2 million parts
Measuring rate	10 ms/100 Hz
Use in automation system	<ul style="list-style-type: none"> • SIMATIC S7-300 • SIMATIC S7-400 • SIMATIC S7-1200 • SIMATIC S7-1500
Communication interfaces	<ul style="list-style-type: none"> • SIMATIC ET 200SP Bus • RS485 (SIWATOOL)¹
Rated voltage	DC 24 V
Mounting	SIMATIC ET 200SP BaseUnits Typ A0
Dimensions	15mm width
Weight	31 g
Order number	7MH4138-6AA00-0BA0

¹ USB-RS485 converter required (please refer to the manual)

Measuring everything that matters:

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Siemens Process Instrumentation offers best-in-class measurement and seamless integration into your automation system. We are the total solution provider for flow, level, pressure, temperature, weighing, positioners and more.

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