

SIEMENS

Ingenuity for life



Process Instrumentation

The new compact class in weighing technology

SIWAREX WT231: The new weighing terminal is a stand-alone package that is comprised of tried-and-tested Siemens components:

Flexible weighing electronics and user-friendly Siemens Touch Panel



The whole package – proven quality for flexible weighing technology

The new SIWAREX WT231 weighing terminal combines the proven quality of two Siemens components into one product: a powerful SIWAREX WP231 weighing module, and a Siemens Touch Panel with an application-specific user interface.

All settings and parameters for applications in the areas of level measurement and platform scales can be made via the Touch Panel.

The intuitive operation enables the user to perform fast parameter assignment and commissioning.

As a stand-alone solution, the SIWAREX WT231 can be used independently of the automation solution, making interaction fast and uncomplicated.

The RS485 Modbus RTU interface enables a direct integration of the terminal in all conventional controller environments.

The control components used in the terminal stand-out on their own as individual products with exceptional quality:

- **SIWAREX WP231:** The flexible weighing module is the ideal solution for industrial areas with high precision requirements, e.g. food and beverages, pharmaceuticals, chemicals, and many more. The comprehensive diagnostics options, such as checking weight progression or monitoring and reporting limit values, increase process reliability.
- **Siemens Touch Panel:** The 4-inch panel with TFT wide-screen color display offers a high screen resolution and enables use in very tight spaces without compromising functionality.

The modular weighing terminal meets the very high quality demands of various sectors, such as the food and beverages, pharmaceutical, and chemicals industries.

With the SIWAREX WT231, practical use of reliable quality is possible.



The SIWAREX WT231 weighing terminal:

High quality components such as the Siemens Touch Panel as display combined with excellent Siemens weighing technology enclosed in high-quality stainless steel



- Versatile weighing module – Comprehensive diagnostics functions, monitoring of limits, high resolution of up to +/- four million parts , high accuracy of 0.05%, measuring rate of 10 ms
- High-quality HMI Panel – 4-inch TFT widescreen display with 256 colors, screen resolution 480 × 272 px, touch-screen, 4 function keys
- Intuitive user interface – suitable for applications in the area of level measurement and platform scales
- Flexible connection – Connection to all automation systems that support Modbus RTU protocol
- High-quality material – With IP65 degree of protection, the high-quality stainless steel housing fulfills the typical industrial requirements

Standard Parameter	SIWAREX WT231
Weighing module	SIWAREX WP231
• Resolution	Up to +/- 4 million parts
• Measuring rate/cycle	10 ms/100 Hz
• Load cell connection	6-wire connection Supply 5 V DC
• Interfaces	RS485 Modbus RTU 4 digital inputs (floating) 4 digital outputs (floating) 1 analog output (0/4...20 mA)
Display	Siemens Touch Panel; 4 inch TFT
Enclosure Material	304 Stainless
Connections	3 M16 EMC safe cable gland for load cells 1 M20 EMC safe cable gland for load cells 4 16 mm drill holes with dummy plugs 1 power supply connection 1 ground connection Mounting brackets for wall mounting
Power supply	100...240 V AC ± 12%
Temperature range	Vertically mounted: 0 ... 104°F
Degree of protection	IP65
Dimensions (WxHxD)	10.4"× 7.3" × 3.7"
Weight	8.8 lbs.
Article number	7MH4965-2AA01

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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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