

SIWAREX WP500 WEIGHING ELECTRONICS

Product Data Sheet

WP522 ST,7MH4980-2AA01

SIWAREX WP522 ST dual-channel weighing module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIWAREX WP522 ST dual-channel weighing module	SIWAREX WP500 weighing electronics	Germany	Confirm before dispatch

Siemens SIWAREX WP522 ST,7MH4980-2AA01 is a SIWAREX WP522 ST dual-channel weighing module for the SIWAREX WP500 weighing electronics. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	WP522 ST,7MH4980-2AA01
Product Class	Siwarex Wp522 St Dual-Channel Weighing Module
Product Family	SIWAREX WP500 weighing electronics
Supply Class	24 V DC industrial control
System Interface	Manufacturer system bus
Signal Type	Industrial digital or analog levels
Diagnostics	Module status indication
Configuration	Manufacturer engineering software
Isolation	Functional circuit isolation
Mounting	Control-cabinet module slot

ADDITIONAL PRODUCT DATA

Protection Class	IP20 installed
Operating Temperature	0 to +55 °C class
Duty Cycle	Continuous industrial operation

OFFICIAL APPLICATIONS

- Route distillation control with Siwarex Wp522: Inside the columns, reboilers and reflux circuits, WP522 ST,7MH4980-2AA01 operates in its approved product-family role as a SIWAREX WP522 ST dual-channel weighing module. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.
- Synchronize order sorting during priority order: Inside the scanners, diverters and destination lanes, WP522 ST,7MH4980-2AA01 serves its documented function as a SIWAREX WP522 ST dual-channel weighing module. During priority order, the system uses this function to apply the current order priority to the routing decision, helping it complete the order path in the intended sequence.
- Protect bulk conveying with Siwarex Wp522 process control: As part of the feeders, belts and transfer chutes, WP522 ST,7MH4980-2AA01 supports the configured automation role as a SIWAREX WP522 ST dual-channel weighing module. During material surge, the system uses this function to adapt equipment demand to material flow, helping it reduce spillage and belt overload.

SYSTEM COMPATIBILITY

Match WP522 ST,7MH4980-2AA01 to the installed SIWAREX WP500 weighing electronics, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

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

[https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/WP522 ST,7MH4980-2AA01](https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/WP522%20ST,7MH4980-2AA01)

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM