

6FM1726-3BA00

WF726B Positioning Module

Siemens 6FM1726-3BA00 is a WF 726 B positioning module for SIMATIC S5 systems. The documented WF726B architecture supports incremental or parallel absolute encoder feedback and multiaxis positioning functions configured with COM 726.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
Complete model	6FM1726-3BA00
Product role	WF726B Positioning Module
System family	SIMATIC S5

Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

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Technical Specifications

PARAMETER	VERIFIED VALUE
Order number	6FM1726-3BA00
Module designation	WF 726 B
Function	Positioning module
Host platform	SIMATIC S5-135U / S5-155U
Encoder support	Incremental or parallel absolute
Absolute-encoder channels	Up to 3 documented
Absolute code	Gray code recommended

PARAMETER	VERIFIED VALUE
Engineering package	COM 726
Positioning steps	Up to 16,777,215
Machine-data scope	Feed, acceleration, deceleration and encoder parameters
Direction assignment	Configured in machine data
M-function handling	Configurable output type and time
Fast outputs	Configurable
Travel limits	Limit and pre-limit values configurable

Engineering boundary

Verify the complete 6FM1726-3BA00 marking, WF726B hardware revision, encoder type, machine-data record, COM 726 project and host S5 configuration before replacement or recommissioning.

Functions and Applications

Multiaxis positioning Executes documented positioning functions for the configured machine axes.	Flexible encoder feedback Supports the approved incremental or parallel absolute encoder arrangement.
COM 726 engineering Uses the Siemens engineering package for machine-data and axis configuration.	Machine-data control Stores the controlled feed, ramp, encoder, direction and limit settings.

Common Applications

APPLICATION	ENGINEERING CONTEXT
SIMATIC S5 motion station	Adds positioning functions to a documented S5-135U or S5-155U system.
Absolute-encoder positioning	Processes parallel absolute encoder feedback for configured axes.
Incremental-encoder positioning	Coordinates approved incremental encoder feedback and axis commands.
Legacy positioning renewal	Restores a WF726B application from the controlled COM 726 and machine-data records.

Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete 6FM1726-3BA00 and WF726B identity.
2	Place the machine and S5 system in the approved maintenance state.
3	Back up the COM 726 project and all machine data.
4	Record the encoder type, code format, wiring and axis assignment.
5	Confirm host rack, CPU and interface compatibility.
6	Preserve configured direction, travel limits, ramps and M-function behavior.
7	Restore only the approved machine-data set.
8	Complete reference, positioning, limit and interlock tests before production release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is Siemens 6FM1726-3BA00?	6FM1726-3BA00 is a Siemens WF 726 B positioning module.
Which system uses Siemens 6FM1726-3BA00?	Available product records identify it for SIMATIC S5-135U and S5-155U systems.
Which encoder types support Siemens 6FM1726-3BA00?	WF726B documentation covers incremental and parallel absolute encoders.
How many parallel absolute encoders can Siemens 6FM1726-3BA00 support?	Siemens WF726B documentation describes configurations with up to three parallel absolute encoders.

Related Products

MODEL	APTER POWER PAGE
Siemens 6ES5928-3UA11	View Siemens 6ES5928-3UA11
Siemens 6DD1606-1AA0	View Siemens 6DD1606-1AA0
Siemens 6DD1606-2AC0	View Siemens 6DD1606-2AC0
Siemens 6DD1670-0AF0	View Siemens 6DD1670-0AF0

Model-Specific FAQ - Part 2

QUESTION	ANSWER
Which absolute code is recommended for Siemens 6FM1726-3BA00?	The Siemens documentation recommends Gray code for parallel absolute encoders.
Which engineering package configures Siemens 6FM1726-3BA00?	The documented engineering package is COM 726.
Which machine data should be preserved for Siemens 6FM1726-3BA00?	Preserve feed, acceleration, deceleration, encoder, direction, output and travel-limit settings.
What confirms Siemens 6FM1726-3BA00 commissioning?	Reference, encoder feedback, positioning, travel limits, M-functions and machine interlocks must pass the approved functional test.

Related Products and Release

MODEL	APTER POWER PAGE
Siemens 6EW1810-3AA	View Siemens 6EW1810-3AA
Siemens 6EW1860-3AA	View Siemens 6EW1860-3AA
Siemens 6GK1543-1AA01	View Siemens 6GK1543-1AA01
Siemens 6ES7414-1XG02-0AB0	View Siemens 6ES7414-1XG02-0AB0

MANUFACTURER SOURCE RECORDS

1. Siemens WF726B Commissioning and COM 726 documentation
2. Cross-checked exact-model records for Siemens 6FM1726-3BA00 from established industrial automation suppliers

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