

SINUMERIK CNC SYSTEMS

Product Data Sheet

6FC5370-6AA20-0AA0

SINUMERIK operator panel control unit

FUNCTION SINUMERIK operator panel control unit	FAMILY SINUMERIK CNC systems	ORIGIN Germany	WEIGHT Confirm before dispatch
--	--	--------------------------	--

Siemens Sinumerik 6FC5370-6AA20-0AA0 is a SINUMERIK operator panel control unit for the SINUMERIK CNC systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	6FC5370-6AA20-0AA0
Product Class	Sinumerik Operator Panel Control Unit
Product Family	SINUMERIK CNC systems
Control Family	SINUMERIK 840D sl / 828D
Operator Interface	CNC machine HMI
Display Interface	Panel-link / industrial display
Machine Control	NC and PLC operator functions
Communication	Industrial Ethernet
Configuration	SINUMERIK Operate
Supply Class	24 V DC

ADDITIONAL PRODUCT DATA

Storage	System software memory
Diagnostic Access	CNC alarm and service screens
Mounting	Machine control panel enclosure
Protection	Industrial front-panel class

OFFICIAL APPLICATIONS

- Maintain machine-tool automation with Sinumerik Operator: Inside the spindles, axes and tool changers, 6FC5370-6AA20-0AA0 serves its documented function as a SINUMERIK operator panel control unit. During cycle start, the system uses this function to coordinate the equipment states required by the active cycle, helping it complete the machining step with traceable status.
- Control robotic joining with Sinumerik Operator: For the coordinated operation of the robots, fixtures and clamp groups, 6FC5370-6AA20-0AA0 handles its designated signal or control duty as a SINUMERIK operator panel control unit. During station restart, the system uses this function to confirm tooling readiness before the cycle starts, helping it prevent an incomplete joining cycle.
- Integrate composite trimming with Sinumerik Operator: Within the gantries, trim heads and extraction systems, 6FC5370-6AA20-0AA0 performs its assigned control role as a SINUMERIK operator panel control unit. During part-program restart, the system uses this function to resume from the verified program state, helping it complete the remaining path without duplicating a cut.

SYSTEM COMPATIBILITY

Match 6FC5370-6AA20-0AA0 to the installed SINUMERIK CNC systems, 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/6FC5370-6AA20-0AA0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM