

DRIVE-CLiQ MEASURING SYSTEMS

Product Data Sheet

6FX2001-5WD13-1AA0

absolute encoder

FUNCTION absolute encoder	FAMILY DRIVE-CLiQ measuring systems	ORIGIN Germany	WEIGHT 0.50 kg
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Siemens SINAMICS 6FX2001-5WD13-1AA0 is a absolute encoder for the DRIVE-CLiQ measuring systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Voltage	24 V DC $\pm 20\%$
Current Consumption	37 mA approximate
Interface	DRIVE-CLiQ
Data Output	DRIVE-CLiQ serial data
Short-Circuit Strength	Protected output
Cable Length	100 m maximum
Connection	Radial M12 connector
Resolution	24 bit
Incremental Track	2048 S/R, 1 Vpp
Code Sampling	Gray code

ADDITIONAL PRODUCT DATA

Accuracy	±20 angular seconds
Electrical Speed	14,000 rpm maximum
Mechanical Speed	15,000 rpm maximum
Housing Protection	IP67
Shaft Protection	IP64

OFFICIAL APPLICATIONS

- Gas treatment and metering stations: Machine Control Systems
- Polymer preparation and extrusion lines: Facility Automation Systems
- Tablet compression and coating suites: Remote Station Systems

SYSTEM COMPATIBILITY

Match 6FX2001-5WD13-1AA0 to the installed DRIVE-CLiQ measuring systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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