SIEMENS MEASURING SYSTEMS

Product Data Sheet

6FX2001-2EF00

TTL/RS422 incremental rotary encoder

FUNCTION	FAMILY	ORIGIN	WEIGHT
TTL/RS422 incremental rotary encoder	**Siemens measuring systems**	**Germany**	**Confirm with quotation**

Siemens 6FX2001-2EF00 is a incremental position encoder for the Siemens measuring systems. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Interface	TTL / RS422
Measuring method	Incremental
Operating voltage	5 V DC ±10%
Maximum scanning frequency	300 kHz
Maximum current	150 mA without load
Resolution	Up to 5000 increments per revolution
Maximum cable length	100 m
Maximum speed	12000 r/min
Shaft diameter	6 mm
Shaft length	10 mm

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

03 OFFICIAL APPLICATIONS

- Machine Tools
- Automotive Manufacturing
- Electronics Manufacturing

04 SYSTEM COMPATIBILITY

Match 6FX2001-2EF00 to the installed Siemens measuring systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens technical documentation for 6FX2001-2EF00

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

AMIKON PRODUCT SUPPORT

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