

ABSOLUTE ENCODERS WITH PROFINET IO

Product Data Sheet

6FX2001-5QN13

absolute encoder

FUNCTION absolute encoder	FAMILY Absolute encoders with PROFINET IO	ORIGIN Netherlands	WEIGHT 1 kg
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Siemens SINAMICS 6FX2001-5QN13 is a absolute encoder for the Absolute encoders with PROFINET IO. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Encoder Type	Absolute singleturn
Resolution	16 bit
Interface	PROFINET IO RT/IRT
Operating Voltage	10 to 30 V DC
Shaft Diameter	10 mm
Shaft Length	20 mm
Connector	Radial M12
Housing Protection	IP67
Shaft Protection	IP64
Operating Temperature	-40 to 85 °C

ADDITIONAL PRODUCT DATA

Maximum Speed

6000 r/min

OFFICIAL APPLICATIONS

- Parcel routing and pallet transfer lines: Drive Coordination Systems
- Quayside cranes and fuel systems: Quality Inspection Systems
- Bagging and bulk loading stations: Process Control Systems

SYSTEM COMPATIBILITY

Match 6FX2001-5QN13 to the installed Absolute encoders with PROFINET IO, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6FX2001-5QN13>

AMIKON PRODUCT SUPPORT

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