SINAMICS S120

Product Data Sheet

6SL3055-0AA00-5CA2

SMC30 sensor module cabinet mounted

FUNCTION	FAMILY	ORIGIN	WEIGHT
SMC30 sensor module cabinet mounted	**SINAMICS S120**	**Germany**	**0.45 kg**

Siemens 6SL3055-0AA00-5CA2 is a SMC30 sensor module cabinet mounted for the SINAMICS S120. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Encoder interfaces	TTL, HTL and SSI
Maximum encoder frequency	500 kHz
SSI transmission rate	100 to 1000 kbaud
SSI position resolution	Up to 30 bits
Supply voltage	24 V DC
Typical current consumption	0.20 A
Maximum SSI cable length	100 m
Protection class	IP20
Maximum TTL cable length	100 m
Maximum HTL unipolar cable	100 m

02 ADDITIONAL PRODUCT DATA

Maximum HTL bipolar cable	300 m
Encoder supply options	5 V or 24 V
Drive system interface	DRIVE CLiQ
Mounting method	DIN rail in control cabinet
Operating ambient	0 to 55 °C

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

04 SYSTEM COMPATIBILITY

Match 6SL3055-0AA00-5CA2 to the installed SINAMICS S120, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official technical documentation for 6SL3055-0AA00-5CA2

Applicable manufacturer documentation retained in Manuals & support

AMIKON PRODUCT SUPPORT

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