

SINAMICS S120 DRIVE SYSTEMS

Product Data Sheet

6SL3055-0AA00-5MA0

SME25 absolute sensor module

FUNCTION SME25 absolute sensor module	FAMILY SINAMICS S120 drive systems	ORIGIN Germany	WEIGHT Confirm before dispatch
---	--	--------------------------	--

Siemens SINAMICS 6SL3055-0AA00-5MA0 is a SME25 absolute sensor module for the SINAMICS S120 drive systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	SME25 absolute sensor module
Drive Family	SINAMICS S120 drive systems
Primary Function	Connects an EnDat absolute encoder
Power Architecture	SME25 encoder interface
Voltage Class	24 V DC module supply
Current Rating	Encoder-signal current class
Control Supply	DRIVE-CLiQ supplied electronics
Power Section	Motor feedback section
Mechanical Design	IP67 external sensor module
Electrical Interface	EnDat encoder and DRIVE-CLiQ

ADDITIONAL PRODUCT DATA

Cooling Integration	Sealed passive cooling
Board Designation	6SL3055-0AA00-5MA0 SME25
Service Role	Absolute-encoder interface spare
Product Status	Siemens SINAMICS component
Commissioning Check	Test EnDat feedback and direction

OFFICIAL APPLICATIONS

- Apply the SME25 EnDat sensor module: Use 6SL3055-0AA00-5MA0 to connect an endat absolute encoder in the documented SINAMICS S120 drive systems. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the EnDat encoder and DRIVE-CLiQ: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented SME25 EnDat sensor module interface during exchange.
- Validate the Test EnDat feedback and direction: After installation, test endat feedback and direction. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SL3055-0AA00-5MA0 to the installed SINAMICS S120 drive systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6SL3055-0AA00-5MA0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM