SIEMENS

Data sheet for SINAMICS G120D



Ordering data

6SL3544-0FB20-1FA0

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Electrical data

Operating voltage via

External power supply	DC 24 V

Inputs/ outputs

Standard digital inputs

Number	6 (non-isolated)

Fail-safe digital inputs

Number	1 (optionally parameterizable as safe inputs)

Digital outputs

Number	2 (0.5 A, fed through switched 24 V DC, isolated)

Analog inputs

Number	2 (0 ... 10 V)

Ambient conditions

Ambient temperature

Operation	-10 ... 50 °C (14 ... 122 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)

Relative humidity

Max. operation	95 % at 40°C (104°F); RH, condensation not permitted

Communication

Communication	PROFINET

Closed-loop control techniques

V/f linear / square-law / parameterizable	Yes
V/f with flux current control (FCC)	Yes
Sensorless vector control	Yes

Technology

Positioning functionality	No
Design of the interface	M12 plug

Mechanical data

Degree of protection	IP65/UL Type 3
Net weight	0.80 kg
Width	153.0 mm
Height	208.0 mm
Depth	55.0 mm

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

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