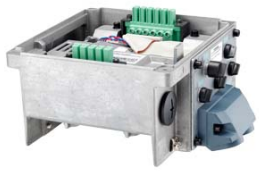
SIEMENS

Data sheet for SINAMICS G110M



Ordering data

6SL3544-0LB02-1PA0

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

Item no. :
Consignment no. :
Project :

Electrical data

Operating voltage via

External power supply	DC 20 ... 28 V
Max. power consumption	0.24 A

Inputs/ outputs

Standard digital inputs

Number	4
Switching level: 0→1	11 V
Switching level: 1→0	5 V

Fail-safe digital inputs

Number	1 (Use of 2 × DI Standard)

Digital outputs

Number as relay changeover contact	0

Analog/ digital inputs

Number	2 (unipolar input)

Connections

Line side

Version	Cable gland/Screw-type terminal
Conductor cross-section	1.00 ... 2.50 mm² (18 ... 14 AWG)
PE connection	On enclosure with M5 screw

Motor end

Version	Screw-type terminals
Conductor cross-section	1.00 ... 2.50 mm² (18 ... 14 AWG)

Max. motor cable length

Shielded	5 m

Ambient conditions

Ambient temperature

Operation	-10 ... 55 °C (14 ... 131 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)

Relative humidity

Max. operation	95 % RH, condensation not permitted

Communication

Communication	PROFIBUS DP

Closed-loop control techniques

V/f linear / square-law / parameterizable	Yes
V/f with flux current control (FCC)	Yes
V/f ECO linear / square-law	Yes
Sensorless vector control	Yes
Vector control, with sensor	No
Encoderless torque control	Yes
Torque control, with encoder	No

Mechanical data

Degree of protection	IP66
Net weight	1.85 kg
Width	205.0 mm
Height	105.0 mm
Depth	171.0 mm

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

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