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Data sheet for SINAMICS G120D

Article No. : **6SL3544-0FB20-1FA0**



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data	
Operating voltage via	
External power supply	DC 24 V

Communication	
Communication	PROFINET, EtherNet/IP

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)

Closed-loop control techniques	
V/f linear / square-law / parameterizable	1
V/f with flux current control (FCC)	1
Sensorless vector control	1

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

Technology	
Positioning functionality	0
Design of the interface	M12 plug

Mechanical data	
Degree of protection	IP65 / UL type 3
Net weight	0.8 kg (1.77 lb)
Dimensions	
Width	153 mm (6.02 in)
Height	208 mm (8.19 in)
Depth	55 mm (2.17 in)

Standards	
Compliance with standards	UL 508C (UL list number E121068), cUL, CE, RCM
CE marking	Low-voltage directive 2014/35/EC

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens