SIEMENS

Data sheet for Sensor Modules

Article No. : **6SL3055-0AA00-5AA3**



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data

Encoders which can be evaluated	
Excitation voltage	4.1 V
Excitation frequency [1]	5 ... 16 kHz
Transmission ratio	0.5
Encoder frequency, max. [2]	2 kHz
Signal subdivision (interpolation), max.	16384 times 14 bit

Connections

Conductor cross-section	
Line side	2.5 mm² (AWG 14)
Version	
Onboard position encoder interface	2-pole resolver; Multi-pole resolver
PE conductor	M4 screw

Mechanical data

Degree of protection	IP20 / UL open type
Net weight	0.45 kg (0.99 lb)
Dimensions	
Width	30.0 mm (1.18 in)
Height	150.0 mm (5.91 in)
Depth	111.0 mm (4.37 in)

Rated data

Current drawn	
Power requirement (DC 24 V) [3]	0.20 A
Power requirement for fuse protection	20 A

General technical specifications

Power loss, max.	10.0 W
Line length, max.	
for encoder	130 m (426.51 ft)

Standards

Compliance with standards	cULus

[1] depending on the current controller clock cycle of the Motor Module or Power Module
[2] 2 kHz (120000 rpm) depending on the number of resolver pole pairs and current controller clock cycle of the Motor Module or Power Module
[3] without considering encoder