SIEMENS

Data sheet for Sensor Modules

Article No. : **6SL3055-0AA00-5BA3**



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data

Encoders which can be evaluated	
Encoder frequency, max.	500 kHz
SSI baudrate	100 ... 1,000 kBaud
Signal subdivision (interpolation), max.	16384 times 14 bit

Connections

Conductor cross-section	
Line side	2.5 mm² (AWG 14)
Version	
Onboard position encoder interface	incremental encoder sin/cos 1 Vpp; Absolute encoder EnDat 2.1; SSI encoder with incremental signals sin/cos 1 Vpp (as of firmware version V2.4)
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
Sensor supply for the onboard position encoder interface, at 5 V DC	0.35 A

General technical specifications

Power loss, max.	10.0 W
Line length, max.	
for encoder	100 m (328.08 ft)

Standards

Compliance with standards	cULus

[3)] without considering encoder