

Data sheet for Sensor Modules

Article No. : 6SL3055-0AA00-5EA3



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
Signal subdivision (interpolation), max.	16384 times 14 bit

Connections

Conductor cross-section

Line side	According to connector contacts
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Version

Onboard position encoder interface	incremental encoder sin/cos 1 Vpp
Measuring system	12-pin M23 circular connector
Output	IP67 DRIVE-CLiQ connector
PE conductor	M4 screw/1.8 Nm

Mechanical data

Degree of protection	IP67
Net weight	0.31 kg (0.68 lb)

Dimensions

Width	58.0 mm (2.28 in)
Height	44.0 mm (1.73 in)
Depth	112.0 mm (4.41 in)

³⁾ without considering encoder

⁵⁾ The maximum cable length for the encoder system interface depends on the current consumption of the encoder system and the cross-section of the wires in the cable. However, the maximum length is 30 m.

Rated data

Current drawn

Power requirement (DC 24 V) ³⁾	0.11 A
Power requirement for fuse protection	Via DRIVE-CLiQ power supply source
Sensor supply for the onboard position encoder interface, at 5 V DC	0.35 A

General technical specifications

Power loss, max.	4.0 W
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Line length, max.

for measuring system ⁵⁾	3 m (9.84 ft)
for drive control	100 m (328.08 ft)

Standards

Compliance with standards	cULus
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