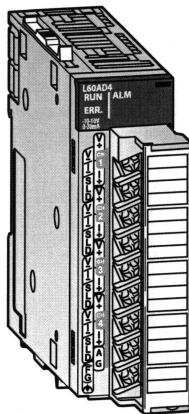


Analog Input Modules



Analog to digital conversion

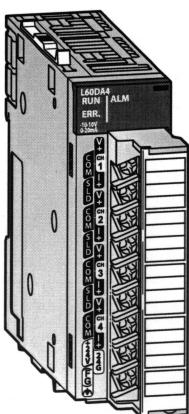
The analog input module converts analog process signals, for example pressure, flow or fill level, linearly into digital values, which are further processed by the L series CPU.

- High-speed conversion of 20 µs/channel
- High conversion accuracy of +/- 0.1 %
- High resolution of 1/20000
- Ensured stability wth variable conversion speed
- Easy parameter setting

Specifications		L60AD4
Input points		4
Analog input	voltage	V DC -10–10
	current	mA DC 0–20
Digital output		-20480–20479 (-32768–32767)*
Load resistance	voltage	MΩ 1
	current	Ω 250
Max. input	voltage	V ±15
	current	mA 30
I/O characteristics	digital value	-20000–20000
Max. resolution	voltage input	µV 200
	current input	nA 800
Overall accuracy		±0.1 %
Conversion speed		20 µs/channel
Number of occupied I/O points		16
Connection terminal		Point removable terminal block
Internal current consumption	mA	520
Dimensions (WxHxD)	mm	28.5x90x117
Order information	Art. no.	238091

* Value in brackets when using the scaling function

Analog Output Modules



Digital to analog conversion

The analog output module converts digital values predetermined by the CPU into analog current or voltage signal.

- High-speed conversion of 20 µs/channel
- High conversion accuracy of +/- 0.1 %
- High resolution of 1/20000
- Easy parameter setting

Specifications		L60DA4
Output points		4
Digital input		-20480–20479 (-32768–32767)*
Analog output	voltage	V DC -10–10
	current	mA DC 0–20
Load resistance	voltage	MΩ 0.001–1
	current	Ω 0–600
I/O characteristics	digital value	-20000–20000
Max. resolution	voltage input	µV 200
	current input	nA 700
Overall accuracy		±0.1 %
Conversion speed		20 µs/channel
Number of occupied I/O points		16
Connection terminal		Point removable terminal block
Internal current consumption	mA	160
Dimensions (WxHxD)	mm	28.5x90x117
Order information	Art. no.	238092

* Value in brackets when using the scaling function