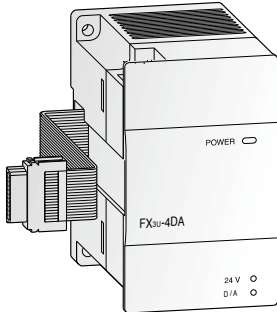


■ Analog Output Modules

FX1S  FX1N  FX2N  FX2NC  FX3U

**FX3U-4DA**

The analog output modules provide the user with 4 analog outputs. The integrated high performance CPU converts each channel in 0.5ms the digital values from the FX3U controller to the analog signals required by the process. A predetermined output pattern is set as data table, and analog signal can be output according to the data table. The module can output both current and voltage signals.



Specifications		FX3U-4DA
Power supply		5 V DC / 120 mA (from base unit); 24 V DC / 160 mA
Analog channels	inputs	—
	outputs	4
Analog output range		-10 to + 10 V DC / 0 to 20 mA, 4 to 20 mA DC
Resolution	voltage	0.32 mV (15 bit + sign)
	current	0.63 $\mu$ A (15 bit)
Overall accuracy for fullscale		$\pm 0.3 - 0.5$ % fullscale*
Related I/O points		8
Weight	kg	0.2
Dimensions (W x H x D)	mm	55 x 90 x 87

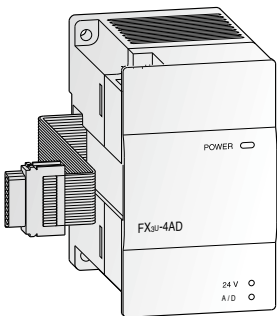
\*Dependent on the ambient temperature

■ Analog Input Modules

FX1S  FX1N  FX2N  FX2NC  FX3U

**FX3U-4AD**

The analog input modules provide the user with 4 analog inputs. The module converts analog process signals into high-resolution digital values, which are further processed by the FX3U controller. The integrated high performance CPU converts all 4 channels in 1 ms, when no digital filter is used. Set the digital filter to stably the read out A/D conversion values. For each channel, up to 1,700 A/D conversion values can be stored as the history data. The actual values or mean values over several measurements may be output.



Specifications		FX3U-4AD
Power supply		5 V DC / 110 mA (from base unit); 24 V DC / 90 mA
Analog channels	inputs	4
	outputs	—
Analog output range		-10 to +10 V DC / -20 to +20 mA, 4 to 20 mA DC
Resolution	voltage	0.32 mV (15 bit + sign)
	current	1.25 $\mu$ A (14 bit + sign)
Overall accuracy for fullscale		$\pm 0.3 - 1.0$ % fullscale*
Related I/O points		8
Weight	kg	0.2
Dimensions (W x H x D)	mm	55 x 90 x 87

\*Dependent on the ambient temperature