

■ Analog Input Modules

□ FX1S ☒ FX1N ☒ FX2N ☒ FX3U

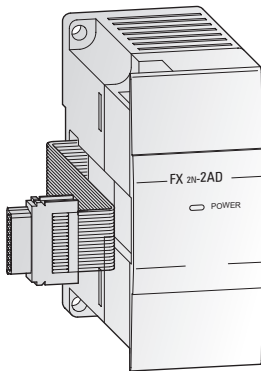


FX2N-2AD FX2N-4AD, FX3U-4AD, FX2N-8AD

The analog input modules provide the user with 2 to 8 analog inputs. The module converts analog process signals into digital values which are further processed by the MELSEC FX1N/FX2N/FX3U controller.

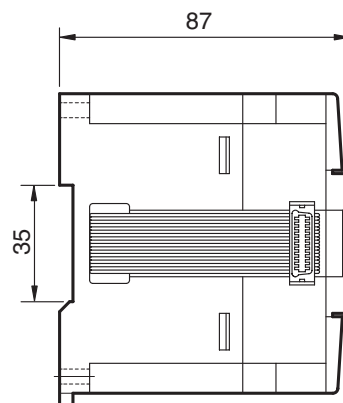
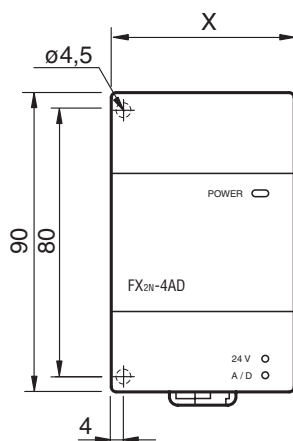
The actual values or mean values over several measurements may be output.

Note: The FX3U-4AD can only be used in combination with a FX3U series base unit.



Specifications		FX2N-2AD	FX2N-4AD	FX3U-4AD	FX2N-8AD	
Analog channels	inputs	2	4	4		
	outputs	—	—	—	—	
Analog input range		0 – +10 V DC / 0 – +5 V DC / 0/ 4 – +20 mA	-10 – +10 V DC / -20 – +20 mA / 4 – +20 mA	-10 – +10 V DC / -20 – +20 mA / 4 – +20 mA	-10 – +10 V DC / -20 – +20 mA / 4 – +20 mA	
Resolution	voltage	2.5mV, 1.25mV / 4 μ A (12 bits)	5 mV (11 bits + sign)	0.32 mV (16 bits + sign)	0.63 mV (14 bits + sign)	
	current		20 μ A (10 bits + sign)	1.25 μ A (15 bits + sign)	2.5 μ A (13 bits + sign)	
Fullscale overall accuracy		$\pm 1\%$	$\pm 1\%$	$\pm 0.3 - 1\%^*$	$\pm 0.3 - 0.5\%^*$	
Power supply	5 V DC	20 mA (from base unit)	30 mA (from base unit)	—	50 mA (from base unit)	
	24 V DC	50 mA (from base unit)	55 mA	90 mA	80 mA	
Related I/O points		8	8	8	8	
Weight	kg	0.3	0.3	0.2	0.4	
Dimensions (W x H x D)		mm	43 x 90 x 87	55 x 90 x 87	75 x 105 x 75	
Order information		Art. no.	102869	65585	169508	129195

Dimensions of Special Function Modules MELSEC FX2N



Special Function Modules FX0N/FX2N

Type	X (in mm)
FX0N-3A	43
FX2N-2DA	43
FX2N-2AD	43
FX2N-4DA	55
FX2N-4AD	55
FX2N-4AD-TC	55
FX2N-4AD-PT	55
FX2N-1HC	55
FX2N-1PG-E	43
FX2N-10PG	43
FX2N-2LC	55
FX2N-5A	55
FX2N-232-IF	55
FX2N-32ASI-M	55
FX2N-32CCL	43
FX2N-32CAN	43
FX2N-64DNET	43

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