

ADAM-5000 I/O Module

Module		ADAM-5013	ADAM-5017	ADAM-5017P	ADAM-5017UH	ADAM-5018	ADAM-5018P	ADAM-5024	ADAM-5050	ADAM-5051/ ADAM-5051D/ ADAM-5051S	ADAM-5052	ADAM-5053S
Analog Input	Resolution	16 bit	16 bit	16 bit	12 bit	16 bit	16 bit	-	-	-	-	-
	Input Channel	3	8	8	8	7	7	-	-	-	-	-
	Sampling Rate	10	10	10	200K	10	10	-	-	-	-	-
	Voltage Input	-	±150 mV ±500 mV ±1 V ±5 V ±10 V	±150 mV ±500 mV ±15V ±10V ±5 V ±1 V 0 ~ 150mV 0 ~ 500mV 0 ~ 1V 0 ~ 5V 0 ~ 10V 0 ~ 15V	±10 V 0 ~ 10 V	±15 mV ±50 mV ±100 mV ±500 mV ±1 V ±2.5 V	±15 mV ±50 mV ±100 mV ±500 mV ±1 V ±2.5 V	-	-	-	-	-
	Current Input	-	±20 mA	±20 mA, 4 ~ 20mA	0 ~ 20 mA 4 ~ 20 mA	±20 mA	4 ~ 20 mA	-	-	-	-	-
	Direct Sensor Input	Pt or Ni RTD	-		-	J, K, T, E, R, S, B	J, K, T, E, R, S, B	-	-	-	-	-
Analog Output	Resolution	-	-		-	-	-	12 bit	-	-	-	-
	Voltage Output	-	-		-	-	-	0~10 V	-	-	-	-
	Current Output	-	-		-	-	-	0~20 mA 4~20 mA	-	-	-	-
Digital Input and Digital Output	Digital Input Channels	-	-		-	-	-	-	16 DIO (bit-wise selectable)	16 16w/LED (5051D/5051S)	-	32
	Digital Output Channels	-	-		-	-	-	-		-	8	-
Counter (32-bit)	Channels	-	-		-	-	-	-	-	-	-	-
	Input Frequency	-	-		-	-	-	-	-	-	-	-
	Mode	-	-		-	-	-	-	-	-	-	-
COMM	Channels	-	-		-	-	-	-	-	-	-	-
	Type	-	-		-	-	-	-	-	-	-	
Isolation		3000 V _{DC}	3000 V _{DC}	3000 V _{DC}	3000 V _{DC}	3000 V _{DC}	3000 V _{DC}	3000 V _{DC}	-	2500 V _{DC} (5051S)	5000 V _{RMS}	2500 V _{DC}

Module		ADAM-5055S	ADAM-5056/ ADAM-5056D	ADAM-5056S/ ADAM-5056SO	ADAM-5057S	ADAM-5060	ADAM-5068	ADAM-5069	ADAM-5080	ADAM-5081	ADAM-5090/ ADAM-5091
Digital Input and Digital Output	Digital Input Channels	8 w/LED	-	-	-	-	-	-	-		-
	Digital Output Channels	8 w/LED	16 16 w/LED (5056D)	16 w/LED	32	6 relay (2 form A/ 4 form C)	8 relay (8 form A)	8 power relay (form A)	-		-
Counter (32-bit)	Channels	-	-	-	-	-	-	-	4	8	-
	Input Frequency	-	-	-	-	-	-	-	5000 Hz (max)	5 Hz ~ 1 MHz max. (frequency mode) 1 MHz max. (counter mode)	-
	Mode	-	-	-	-	-	-	-	Frequency, Up/Down Counter, Bi-direction Counter	Frequency, up/down, Bi- direction, up, A/B Phase, Counter	-
COMM	Channels	-	-	-	-	-	-	-	-		4
	Type	-	-	-	-	-	-	-	-		RS-232
Isolation		2500 V _{DC}	-	2500 V _{DC}	2500 V _{DC}	-	-	4000 V _{RMS}	1000 V _{RMS}	2500V _{DC}	-

Model		ADAM-5202	ADAM-5240	ADAM-5030
Axes	Number of Axes	-	4	-
	Linear Interpolation	-	v	-
	2-Axis Circle Interpolation	-	v	-
Advanced Functions	Encoder Channels	-	4	-
	Limit switch Input Channel	-	8	-
	Home Input Channel	-	4	-
	Emergency stop Input Channel	-	1	-
	Slow Down Limit Switch	-	8	-
	General Purpose DI Channel	-	-	-
	Servo On Output Channel	-	4	-
	General Purpose DO Channel	-	4	-
	Position Compare Event	-	V	-
	Remote Motion	V	-	-
	Remote I/O	V	-	-
	Board ID	-	-	-
Connectors		2 x RJ-45,	100-PinSCSI-II	-
Wiring Board		AMAX-3752F, AMAX-3754F, AMAX-3756F,	ADAM-3952, ADAM-3952J2S	-
Remote Motion Wiring Board		AMAX-3210, AMAX-3211/PMA, AMAX-3212/J2S, AMAX-3213/YS2	-	-
Storage	Type	-	-	SD (Secure Digital Card)
	Channel	-	-	2
	Size	-	-	2 GB (Max)
USB	Type	-	-	V2.0 (compliant)
	Channel	-	-	2
Supported Controller		ADAM-5550KW		