

I/O Signal Table

■ Positioner type (PCON-C / CG)

Pin number	Category	Number of positioning points	Parameter (PIO pattern) selection					
			0	1	2	3	4	5
			Positioning mode	Teaching mode	256-point mode	512-point mode	Solenoid valve mode 1	Solenoid valve mode 2
		64 points	64 points	256 points	512 points	7 points	3 points	
		Zone signal	○	x	x	x	○	○
		P zone signal	○	○	○	x	○	○
1A	24V						P24	
2A	24V						P24	
3A	-						NC	
4A	-						NC	
5A	Input	IN0	PC1	PC1	PC1	PC1	ST0	ST0
6A		IN1	PC2	PC2	PC2	PC2	ST1	ST1 (JOG+)
7A		IN2	PC4	PC4	PC4	PC4	ST2	ST2 (-)
8A		IN3	PC8	PC8	PC8	PC8	ST3	-
9A		IN4	PC16	PC16	PC16	PC16	ST4	-
10A		IN5	PC32	PC32	PC32	PC32	ST5	-
11A		IN6	-	MODE	PC64	PC64	ST6	-
12A		IN7	-	JISL	PC128	PC128	-	-
13A		IN8	-	JOG+	-	PC256	-	-
14A		IN9	BKRL	JOG-	BKRL	BKRL	BKRL	BKRL
15A		IN10	RMOD	RMOD	RMOD	RMOD	RMOD	RMOD
16A		IN11	HOME	HOME	HOME	HOME	HOME	-
17A		IN12	* STP	* STP	* STP	* STP	* STP	-
18A		IN13	CSTR	CSTR/PWRT	CSTR	CSTR	-	-
19A		IN14	RES	RES	RES	RES	RES	RES
20A	IN15	SON	SON	SON	SON	SON	SON	
1B	Output	OUT0	PM1	PM1	PM1	PM1	PE0	LSO
2B		OUT1	PM2	PM2	PM2	PM2	PE1	LS1 (TRQS)
3B		OUT2	PM4	PM4	PM4	PM4	PE2	LS2(-)
4B		OUT3	PM8	PM8	PM8	PM8	PE3	-
5B		OUT4	PM16	PM16	PM16	PM16	PE4	-
6B		OUT5	PM32	PM32	PM32	PM32	PE5	-
7B		OUT6	MOVE	MOVE	PM64	PM64	PE6	-
8B		OUT7	ZONE1	MODES	PM128	PM128	ZONE1	ZONE1
9B		OUT8	PZONE	PZONE	PZONE	PM256	PZONE	PZONE
10B		OUT9	RMDS	RMDS	RMDS	RMDS	RMDS	RMDS
11B		OUT10	HEND	HEND	HEND	HEND	HEND	HEND
12B		OUT11	PEND	PEND/WEND	PEND	PEND	PEND	-
13B		OUT12	SV	SV	SV	SV	SV	SV
14B		OUT13	* EMGS	* EMGS	* EMGS	* EMGS	* EMGS	* EMGS
15B	OUT14	* ALM	* ALM	* ALM	* ALM	* ALM	* ALM	
16B		-	-	-	-	-	-	
17B	-						NC	
18B	-						NC	
19B	0V						N	
20B	0V						N	

(Note) The signal names inside the parenthesis become the function before returning to the starting point.

■ Solenoid valve type (PCON-CY)

Pin number	Category	Number of positioning points	Parameter (PIO pattern) selection	
			0	1
			Solenoid valve mode 0	Solenoid valve mode 1
		3 points	3 points	
		Zone signal	x	x
		P zone signal	x	○
1	24V			
2	0V			
3	Input	IN0	ST0	ST0
4		IN1	ST1(JOG)	ST1(JOG)
5		IN2	ST2(-)	ST2(-)
6		IN3	SON	SON
7	Output	OUT0	LS0	PE0
8		OUT1	LS1(TRQS)	PE1(TRQS)
9		OUT2	LS2(-)	PE2(-)
10		OUT3	SV	PZONE
11		OUT4	HEND	HEND
12	OUT5	* ALM	* ALM	

(Note) The signal names inside the parenthesis become the function before returning to the starting point.

■ Pulse-train type (PCON-PL/PO)

Pin number	Category	Number of positioning points	Parameter (PIO pattern) selection	
			0	1
			Standard mode	Push mode
		-	-	
		Zone signal	x	x
		P zone signal	x	x
1	24V			
2	0V			
3	Input	IN0	SON	SON
4		IN1	TL	TL
5		IN2	HOME	HOME
6		IN3	RES	RES/DCLR
7	Output	OUT0	SV	SV
8		OUT1	INP	INP/TLR
9		OUT2	HEND	HEND
10	Input	OUT3	* ALM	* ALM
11			* PP	* PP
12			PP	PP
13			* NP	* NP
14			NP	NP