The Scanner starts the scan motion as a Scan signal is output from PWB-A. At the start of a scan motion and other heavy load conditions, Scanner Motor M2 requires a large amount of current. The Current 1 or 2 signal from PWB-F is selected accordingly to vary the amount of current supplied to M2.

*The Current signal selection timing is controlled by software.

	L	M1	M2
Current 1	H	L	H
Current 2	H	H	L
Current	M2>M1>L		
Operation	When the scan speed reaches a given level and during scan deceleration	At scan start and during return deceleration. (*)	At return start and during return motion. (*)

* M2 is used at scan start of a small zoom ratio.

On receiving the Scan signal, Motor Drive Board PWB-F applies motor drive pulses, which are out-of-phase with each other, to M4. The motor speed is varied by changing the width of the pulses applied to M2.

	Control Signal	Energized	Deenergized	WIRING DIAGRAM
M2 Scan Signal	PWB-F	L	H	22-B
M2 Current Switching Signal 1	PWB-F	L	H	
M2 Current Switching Signal 2	PWB-F	L	H	

	Control Signal	Blocked	Unblocked	WIRING DIAGRAM
PC81	PWB-F	L	H	18-E