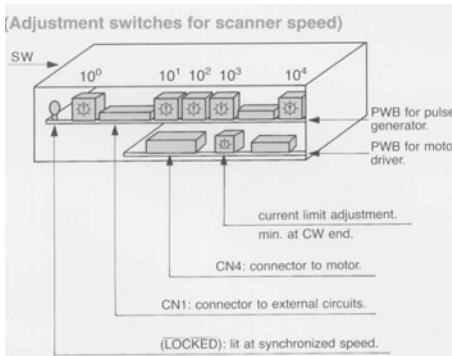
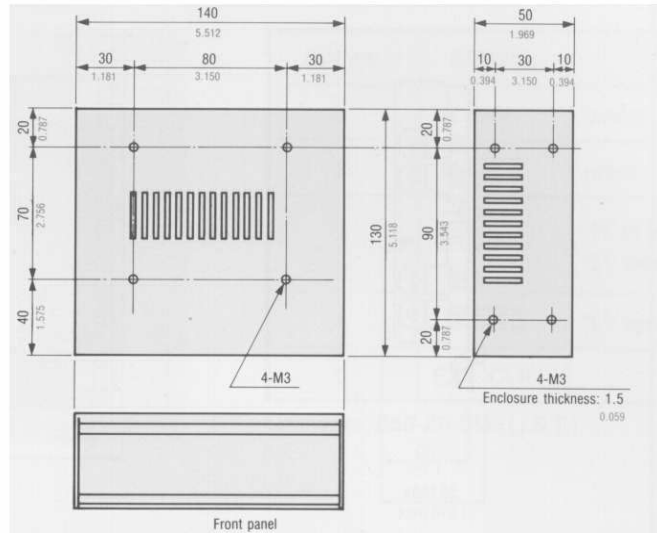


## DRIVER PG+DS (with power Tr)

■ For model PD60LA, PD60HR, PT60SRG



■ For model PD60LA and PD90LA scanner



### ■ SIGNALS FOR CONTROLLER PG-1 (CN1 DRIVER : H7P-SHF-AA:J. S. T)

Pin No	SIGNAL	FUNCTION
1	GND	RETURN
2	IDLE	★ "L" IDLE SPEED (HALF OF DESIGNATED SPEED)
3	DRIVE	★ "L" : MOTOR START
4	EXT.	★ EXTERNAL CLOCK INPUT
5	LOCKED	"L" SYNCHRONIZED SPEED
6		RETURN
7	+V24	POWER. MOTOR CURRENT 4.5A MAX.

### ■ REMARKES

1. WHEN IDLING IS NOT REQUIRED, PIN NO. 2 HAVE TO BE OPEN WHICH MEANS "H"LEVEL, OR APPLY "H"LEVEL.
2. WHEN GROUND LEVEL OR "L" IS APPLIED TO PIN NO. 2, ]SPEED OF THE MOTER IS KEPT AT HALF OF THE RATED SPEED. (IDLING)
3. IDLING IS USED IN ORDER TO REDUCE START UP TIME.
4. IF EXTERNAL CLOCK IS USED INSTEAD OF BUILT-IN CLOCK, DISCONNECT TERMINALS 1 AND 2 AND CONNECT TERMINAL: 1 AND 3 WITH JUMPER WIRE J1.

★ : OPEN COLLECTOR

SCANNER SPEED CAN BE SET BY MEANS OF DIGITAL ADJUSTMENT SWITCHES IN ACCORDANCE WITH THE FOLLOWING FORMULA.

$$N = 5 \times f_x / n - 1$$

N: NUMBER TO BE ADJUSTED BY DIGITAL SWITCHES

n: SCANNER SPEED (r/min)

f<sub>x</sub>: FREQUENCY OF CRYSTAL OSCILLATION=10MHz

Jun.  
2004