

## Pertec Floppy PCB 600261 (FD5xx series with 50 pin Shugart Connector)

**Legend:** Jumper Installed: **Wx**  
 Jumper Removed: **(Wx)**

Function	Setting	Jumpers
Negative Supply	-5v	W1 (W2)
	-12v	W2 (W1)
Front LED From:	In Use/Busy p16	W3,W11 (W4,W8,W9)
	Drive Select	W4 (W3,W8,W9,W11)
	Head Load p18	W8,W9 (W3,W4,W11)
	Head Load p18 or Busy p16	W3,CR17 in W8,W11 (W4,W9)
Head Load From:	Drive Select	W7 (W10,S3)
	Head Load p18 w/Drive Sel'd	W10 (W7,S3)
	Direct Load p6,7,8 9	S3 or jumpers (W7,W10)
Track Stepping	Step and Direction	W5,W6
	Step In, Step Out	(W5,W6)
Index Line p20	Index and Sector pulses	W12 or S2-1 closed
	Index Separated from Sector	(W12 or S2-1 open)
Sector Line p24	Disabled, Idle High	W12 (S2) or S2-1 closed with 2-4 open
	Disabled, Idle Low	W14, W12 (S2) or W14, S2-1 closed with 2-4 open
	Enabled, S2 positions 2-4 determine skip count	S2 with S2-1 open
Head Current Sw p2	Enabled	R98=2.2K,C19,R25,R35,R36,R37,R49,R50,R67,Q3,Q6
	Disabled	R98=1K (C19,R25,R35,R36,R37,R49,R50,R67,Q3,Q6)

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### Factory Configurations

Version	Negative Supply	Front LED	Head Load	Track Stepping	Index Line p20	Sector Line p24	Head Current Switch
-01	-5V	Drive Select	Direct Load on p6-9 using S3	Step In, Step Out	Switch Selectable		Yes
-02	-12V	Drive Select	Direct Load on p6-9 using S3	Step In, Step Out	Switch Selectable		Yes
-03	-5V	Drive Select	Head Load w/Drive Select	Step, Direction	Switch Selectable		No
-04	-12V	Drive Select	Head Load w/Drive Select	Step, Direction	Switch Selectable		No
-05	-5V	Head Loaded	Direct Load on p6,7,12	Step In, Step Out	Switch Selectable		Yes
-06	-12V	Busy p16	Head Load p18 w/Drive Sel'd	Step, Direction	Index & Sector	None, Idle High	Yes
-07	-12V	Busy p16 or Hd Loaded	Head Load p18 w/Drive Sel'd	Step, Direction	Index & Sector	None, Idle Low	Yes