

PoKeys mapping Pulse engine page PoStep configuration Spindle Encoders Matrix keyboard Pendant Miscellaneous Sp

Spindle settings

☒ Enable spindle speed measurements

Note: Spindle sensor uses ultra-fast encoder feature

☐ Index (mill) ☐ Encoder (mill) ☐ Index (lathe) ☒ Encoder (lathe)

Encoder: ticks/rev

☒ Enable threading support

Position error gain Speed error gain

☐ Drive spindle with step/dir signals

Motor ID: (1 unit = 1 rotation)

OK

Cancel

Apply

Control Configuration



Defaults General Plugins Motors Axis Mapping Homing/SoftLimits **Input Signals** Output Signals MPGs Tools

	Mapping Enabled	Device	Input Name	Active Low	User Description
Jog A+					
Jog A-					
Jog B+					
Jog B-					
Jog C+					
Jog C-					
Spindle At Speed					
Spindle At Zero					
Resume					
External Home					
Probe3					
Motion Inhibit					
Jog Inhibit					
MPG Inhibit					
TLM Tool Skio					

OK

Cancel

Apply

Control Configuration



Defaults General Plugins Motors Axis Mapping Homing/SoftLimits Input Signals Output Signals MPGs Tools

	Mapping Enabled	Device	Input Name	Active Low	User Description
Input #5					
Input #6					
Input #7					
Input #8		CNC4PCMotionDevice	Pin 08 (in)		
Input #9					
Input #10					
Input #11					
Input #12		CNC4PCMotionDevice	Pin 12 (in)		
Input #13		CNC4PCMotionDevice	Pin 13 (in)		
Input #14					
Input #15					
Input #16					
Input #17					
Input #18					
Input #19					

OK

Cancel

Apply

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☒ Enable fast encoders ☒ Enable 'ultra-fast' encoder - filter: 0

	Enable	Ch.A	Ch.B	Invert	4x
1		Pin 1	Pin 2		
2		Pin 5	Pin 6		
3		Pin 15	Pin 16		
4		Disabled	Disabled		
5		Disabled	Disabled		
6		Disabled	Disabled		
7		Disabled	Disabled		
8		Disabled	Disabled		
9		Disabled	Disabled		
10		Disabled	Disabled		
11		Disabled	Disabled		
12		Disabled	Disabled		
13		Disabled	Disabled		
14		Disabled	Disabled		
15		Disabled	Disabled		
16		Disabled	Disabled		
17		Disabled	Disabled		
18		Disabled	Disabled		
19		Disabled	Disabled		
20		Disabled	Disabled		
21		Disabled	Disabled		
22		Disabled	Disabled		
23		Disabled	Disabled		
24		Disabled	Disabled		
25		Disabled	Disabled		
26		Pin 8	Pin 12		

OK Cancel Apply