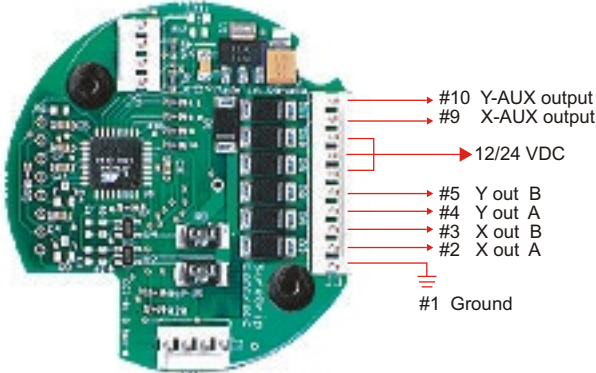


Joystick Driver Board Part# JDB-P2

Joystick Driver Board (Part# JDB-P2)



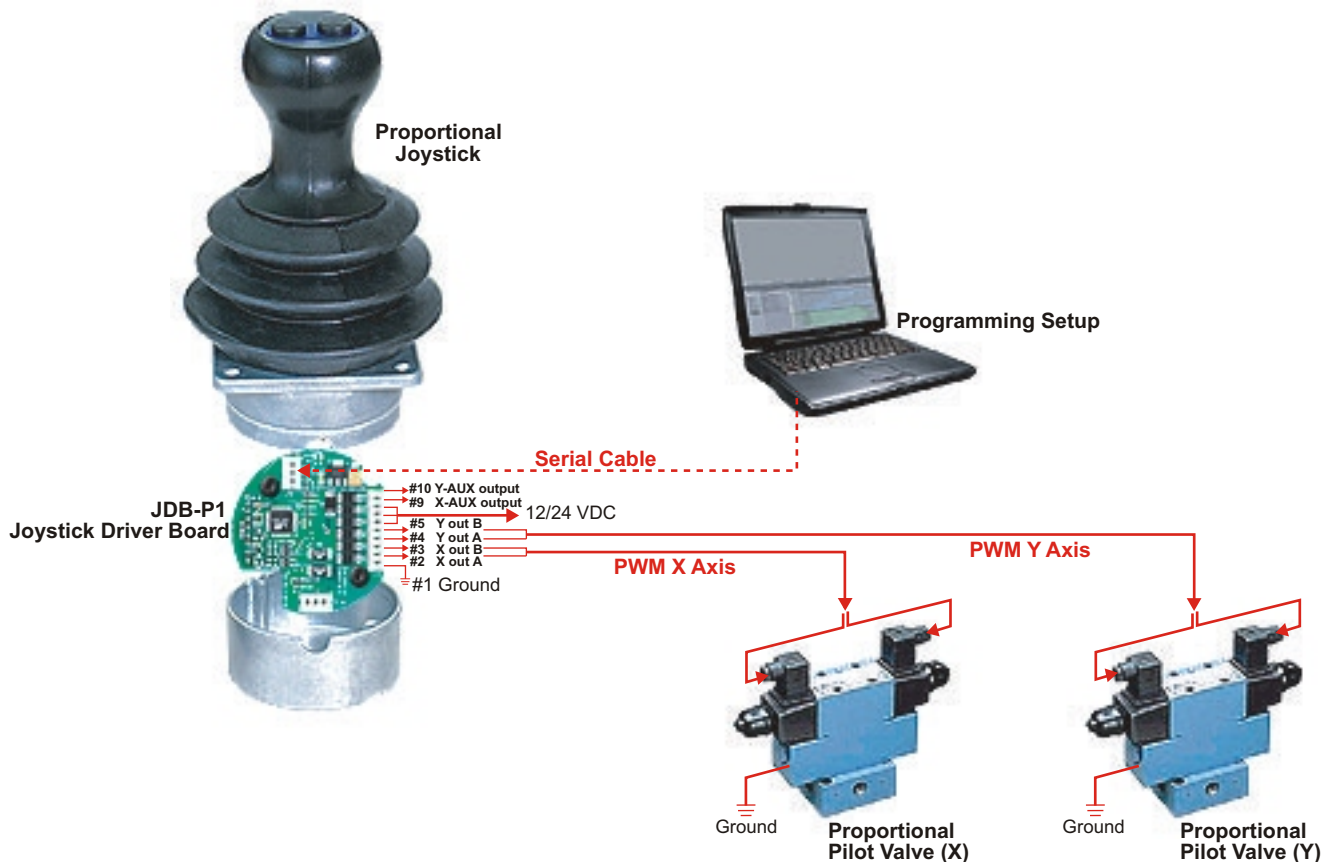
Joystick Driver Board (Part#: JDB-P2) is designed to work with our JM and JL Hall Effect joysticks when a direct joystick to solenoid valve solution is desired.

The JDB-P2 boards are equipped with four current compensated PWM proportional outputs and two "off neutral" switched output. The board also includes a 50ma 5 volt supply to power the JM or JL Hall Effect joysticks.

All the outputs include protection against inductive kick back and are short circuit protected. If any of the outputs are accidentally shorted to ground, the board will automatically shut down to protect itself until the problem is corrected.

The board fits inside the lower joystick housing and is easily programmed by plugging in a serial cable and using the standard Windows "Terminal" program. The minimum flow, maximum flow and ramp rate can all be individually adjusted for each proportional output.

Typical Joystick Proportional System



Specifications

Parameter	Min.	Typ.	Max.	Unit
Power Supply:				
Supply voltage	6	-	28	VDC
Supply current (idle)	-	20	-	mA
Supply current (max)	-	12	-	A
Aux. V out	-	5	-	VDC
Aux. Current (+5V)	20	-	30	mA
Analog Inputs:				
Input range	0.5	-	4.5	VDC
Neutral point	-	2.5	-	VDC
PWM Outputs:				
Frequency	-	200	-	Hz
Min. duty cycle	-	5	-	%
Max. duty cycle	-	99	-	%
Output current	-	-	3	A
Current Compensation:				
Correction range	-40	-	+40	%
Max. coil size	-	3000	-	mA