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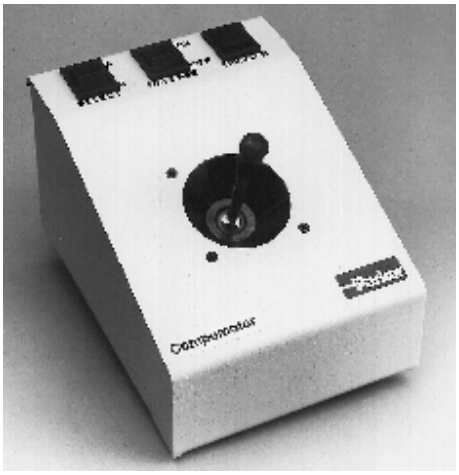
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JS6000
Analog Joystick



The JS6000 is an analog joystick designed to interface with the 6000 series programmable motion controllers. It is capable of controlling two axes at a time. The speed of motion is controlled by the deflection of the joystick; the greater the deflection, the faster the motion. A selector switch with positions A and B can be programmed to select different speed ranges.

The joystick is also equipped with a release switch. This switch is used to release the joystick from commanding the motors and restores control to the 6000 controller. The trigger switch is a momentary switch that can be programmed to interact with the 6000 controller.

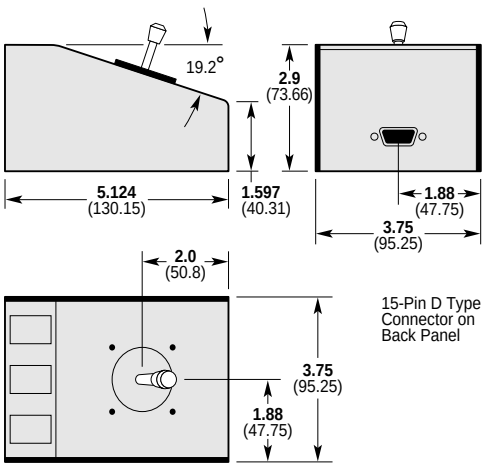
Installation

The JS6000 comes ready to be attached to the 6000 series controllers. First, connect the 15-pin D connector to the back of the JS6000. Next, connect the 25-pin D connector into the joystick post of the 6000 series controller.

Specifications

Parameter	Value
Joystick potentiometers	5 kΩ (1 k change over travel)
Stick travel	±27°
Select switch	Two-position rocker type; 1 A @ 120VAC or 1 A @ 28VDC
Release switch	Two-position rocker type; 1 A @ 120VAC or 1 A @ 28VDC
Trigger switch	Momentary push button type; 1 A @ 120VAC or 1 A @ 28VDC
Connector (joystick end)	15-pin female D type; see pin-out diagram
Cable	10 ft long cable, 15-pin male D to 25-pin male D connector
Environmental	
Operating gemperature	32° to 125°F
Storage	-22°F to 185°F
Humidity	10%–95% noncondensing

Joystick Dimensions



Output Connector

15-pin D Connector

Pin No	Signal
1	X axis potentiometer, positive leg
2	X axis potentiometer, negative leg
3	X axis potentiometer, arm
4	Y axis potentiometer, positive leg
5	Y axis potentiometer, negative leg
6	Y axis potentiometer, arm
7	Selector switch contact
8	Selector switch contact
9	Release switch contact
10	Release switch contact
11	Trigger switch NC contact
12	Trigger switch common contact
13	Trigger switch NO contact
14	No connection
15	+5VDC input

Parker Automation

Parker Hannifin Corporation
Compumotor Division
Rohnert Park, California

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