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Find the *Danaher Precision Systems / NEAT AJ* at our website: *Click HERE*

AJ™ Analog Joysticks

Features

- Two and three axis versions
- Compatible with 310M and 300, 1800 and 2000 Series controllers
- Pushbutton provides switch output



Analog Joysticks

The AJ-2 and AJ-3 Analog Joysticks provide an effective means of manually interfacing with positioning stages. The two-axis AJ-2 is ideally suited to the manual control of X-Y Tables, while the three axis AJ-3 allows a third axis to be controlled, via a spring centered rotary knob on the joystick shaft. Each model simply consists of two or three spring-centered potentiometers; when powered with a DC voltage, they output a voltage whose value is a function of the joystick angle. This value is then converted to velocity and direction by A/D converters and algorithms within the specific motor controller. They are well suited for use with the 310M™ controller, and the 300™, 1800™, and 2000™ Series programmable controllers; refer to their Operator's Manuals for details. In general, a non-linear (typically cubic) transform is used to allow both very small and very large moves to be performed. When used with the 300 Series multi-axis controller, a joystick mounted pushbutton provides a switch output which the motion controller can interpret. Additional switches can be installed on the joystick base for special OEM applications.

SPECIFICATIONS

POTENTIOMETER RESISTANCE RANGE

1.5 Kohm - 2.0 Kohm ±10%

CONNECTOR

310M™ Controller: DB-25S

300™ Controller: DA-15P

1800™ & 2000™ Controllers: DE-9P

BASE DIMENSIONS

4-1/2" wide x 7-3/4" deep x 1-1/2" high

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