

Introduction

Description

The VICI universal actuator models are designed to work with both two position and multiposition valves, with any number of ports. This is accomplished through simple programming via the manual remote or the optional serial, BCD, or USB interface. The actuator consists of a single unit housing a stepper motor/gearbox assembly and the control components, a universal AC input (100-240 VAC, 50-60 Hz) to 24 VDC power supply, a manual remote, and the interconnecting cables.

Getting Started

Mounting

The actuator should be oriented so that any potential leakage of liquid from the valve or fittings flows away from rather than into the actuator.

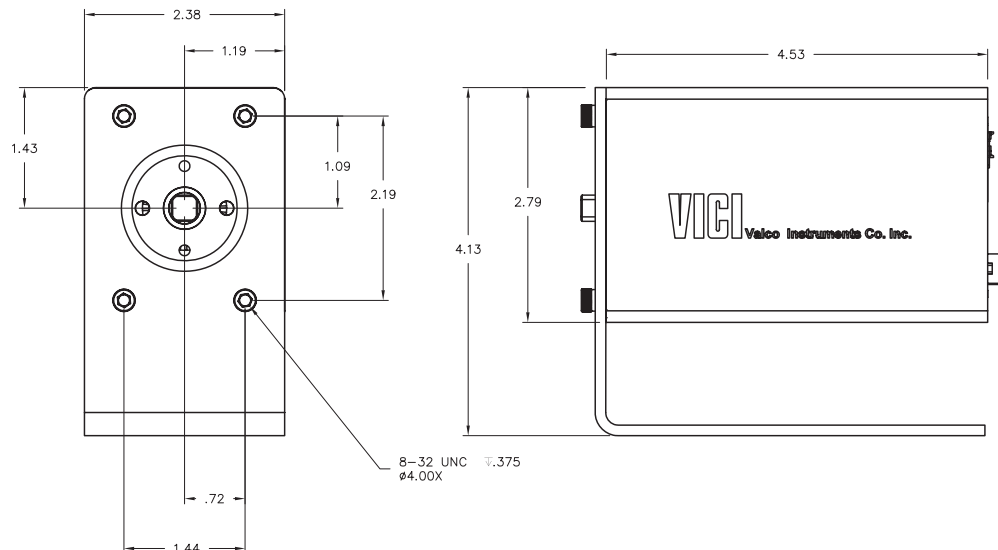


Figure 1: Universal actuator mounting dimensions

Power Connector

Input power (24-28 VDC) is supplied through a coaxial connector: the inner pin is + voltage and the outer pin is ground. The average current requirement is 2.1 amps; standby current draw is 60 milliamps.

The actuator should not share a power supply with other noise-sensitive electronics, as the high current draw could cause problems.

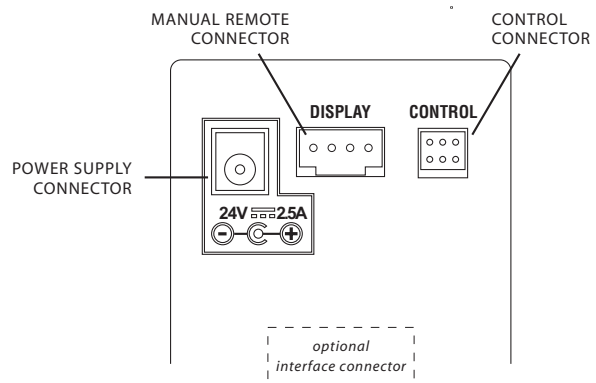


Figure 2: Connections on rear panel