

PRESS RELEASE

August 22, 2024 – Mississauga, ON, Canada

Axiomatic releases a versatile Single Universal Input, Single Output (up to 5A) Valve Controller in PCB form factor, configurable using iOS or Android devices.

AX020720 is a flexible controller. It accepts one command signal input, drives a solenoid up to 5A, and offers flexible user configurability for application-specific input-output relationship with slope or time response.

It can be configured wirelessly using Near Field Communication (NFC) on any compatible device with Axiomatic's E-Write NFC application. Communication happens over the globally available radio frequency ISM band 13.56 MHz when the NFC device is brought within 3 cm or 1 inch of the controller. This distance may vary with different devices. The E-Write NFC application is available for iOS from Apple's App Store and for Android from Google Play Store for a fee.

The AX020720 operates from -40 to 85°C (-40 to 185°F). It is designed to interface with 12 or 24 V battery power. It is suitable for machine and industrial applications.

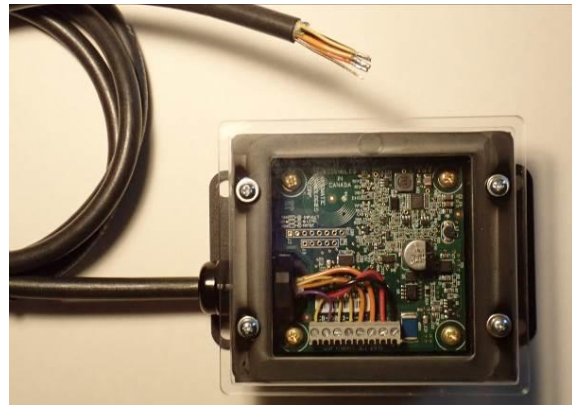
The controller is available in 3 models; PCB Assembly with screw terminals (P/N: AX020720), PCB installed in a metal box with PG9 strain relief (P/N: AX020720-PG9), or a PCB installed in a metal box with PG9 strain relief and 1.5 m unterminated cable (P/N: AX020720-1.5M). The latter two models have IP67-rated protection when the cable is installed properly.



AX020720 - PCB assembly with screw terminals



PCB installed in metal box
(AX020720-PG9)



PCB installed unterminated cable
in a metal box with 1.5m
(AX020720-1.5M)

For more details about AX020720, please visit: <https://products.axiomatic.com/viewitems/valve-controls/universal-input-single-output-valve-controllers>

The AX020720 controller comes from our extensive line of controllers, some of which can be conveniently configured using NFC.

- AX024010, 4 Inputs, 2 Bidirectional 0-400 mA Outputs Valve Controller, SAE J1939, DIN Rail Mount, NFC
- AX022420, 2 Universal, Encoder and Magnetic Pick-up Sensor Inputs, Dual Valve Controller, SAE J1939, DIN Rail Mount, NFC
- AX031950, Bipolar Input, Relay and Analog Signal Output Controller, SAE J1939, NFC, DIN rail mount
- AX130540, Isolated, Dual Channel, Universal Signal Converter, SAE J1939, DIN rail mount, NFC

Our range of valve drivers and controllers can be viewed here:

<https://products.axiomatic.com/category/valve-controls>

Contact: Amanda Wilkins, Sales and Marketing Manager

TEL: +1 905 602 9270 x224

amanda.wilkins@axiomatic.com