

PRESS RELEASE

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Using Near Field Communication (NFC), the NFC valve controller is configurable while unpowered. It can be configured from an Android phone application in proximity to the NFC controller.

As a highly flexible controller, the valve controller with NFC accepts two command signal inputs and drives two solenoids up to 3A. Other interfaces can include a magnetic pick up sensor and encoder. The outputs are user selectable as high side, low side or half-bridge type. Many control profile parameters are user configurable. A DIN rail mount and a fully sealed IP67 form factor are available. Operation is from -40 to 85 °C. Designed to interface with 12V or 24V battery power, it is suitable for machine and industrial applications.



Using Near Field Communication (NFC), the valve controller is remotely configurable while unpowered via a smartphone application available from Google Play. Bringing the two devices within 2 cm (1 inch) of each other, the NFC technology uses magnetic induction between two loop antennas to communicate within the globally available radio frequency ISM band of 13.56 MHz. Communications have password protection built-in to the NFC technology which is often used in secure retail point-of-sale transactions.

Applications:

- Control panels
- Machine automation

Axiomatic also offers gateways to CAN bus networks using Ethernet, Bluetooth, and WiFi (coming soon).

We innovate with engineered and off-the shelf machine controls.

*Axiomatic is exhibiting at BAUMA 2019.
Come and see us in booth A2/449.*

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