

MatrixCONTROL - Pressure Governor Panel Mount Controller

STYLE 9401

Compact pressure governor controller including an intuitive interface status with a bright sunlight readable full color LCD display.

The heart of the system is the MatrixGOVERNOR™ module, providing the engine control algorithms and directly controlling the engine. Choose from a variety of control options or control from your own J1939 compliant device. Akron Brass offers the following control options:

- MatrixCONTROL™ – complete panel-mounted controller with color LCD display and push button control.
- MatrixSWITCH™ – switch panel for simple operation – increase, decrease, go to preset, change mode and idle engine from switch panel

• MatrixKNOB™ – throttle control knob. Use stand alone or with MatrixDISPLAY™

- VMUX Vista interface – Control governor directly from Vista screen

The system is also integrated with Link2 so that pump session data can be recorded and reviewed. View pump session data, alarms, fault codes and errors on Link2dashboard.com or from your mobile device using the Link2 app.

Features

FlexCONTROL™

- Incredibly compact governor control
- For use with the 9400 MatrixGOVERNOR™ module via J1939 CAN communications
- Full color LCD display
- Simple, intuitive menu for system setup and customization
- Information displayed: discharge pressure, intake pressure, RPM, target pressure, interlock status
- Onscreen alerts and warnings notify operator instantly of abnormal conditions



Specifications

Style	9401
Certification(s)	NFPA 1964 COMPLIANT
Warranty	5 YEAR WARRANTY
Country of Manufacture	
Weight	.5 lb (.22 kg)
Brand	Matrix
Width	4.6"
Height	4.75"
Depth	1.875"
Volts	10-32 VDC

- 5 raised, easy-to-operate buttons for gloved hand operation – preset, mode, increase, decrease and idle
- Advanced engine status display – oil pressure, temperature, transmission temperature and battery voltage
- Onboard USB port for software updates of MatrixCONTROL™ and MatrixGOVERNOR™
- Fully NFPA 1901 compliant display and controller

Applications/Solutions

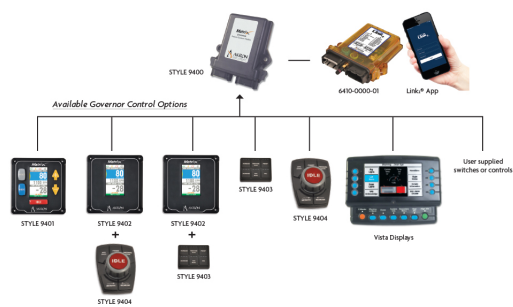
- Fire OEMs
- Firefighting - Structural



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Matrix Pressure Governor System



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MatrixCONTROL™

An Akron Brass Style 9401 MatrixCONTROL™ Panel Mount Controller shall be provided. The unit must be completely sealed with membrane type buttons and have dimensions not to exceed 4.6"W x 4.75"H x 1.875"D. Preset, mode, increase, decrease and Idle buttons shall be included. The display shall be a full color LCD display with a backlight and shall be capable of displaying intake pressure, discharge pressure, RPM, target pressure, current operating mode, errors, alerts and warnings, interlock status (throttle ready), check engine and stop engine warnings, engine status indicators including oil pressure, engine temperature, transmission temperature and voltage. The unit must be fully J1939 compliant and communicate over the J1939 network. It shall have manual adjustment of the brightness as well as an auto-dimming option. Unit shall be configurable with integrated configuration menus. Controller shall include an onboard USB receptacle. Controller software shall also be updateable with a standard USB flash drive. It shall also be capable of updating the MatrixGOVERNOR™ module over the J1939 network from the USB flash drive. Unit shall be capable of operating from 10-32VDC Unit must carry a five year warranty.