ELKHART BRASS

TECHNOLOGY THAT PUTS YOU IN CONTROL
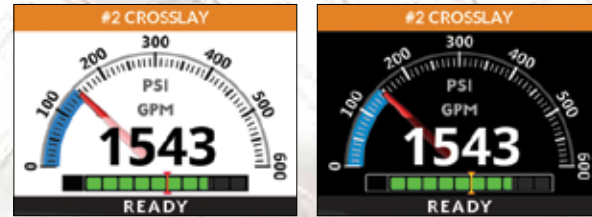
APEX™
VALVE CONTROLLERS

ULTIMATE SOLUTIONS. ULTIMATE CONTROL

Combine the customization capabilities with the space saving design, the tactile keypad buttons and large, easy-to-read graphics and the result is an innovative new valve controller that provides benefits to OEMs as well as end users. The design and versatility of the APEX allows the OEM to save valuable pump panel space and adapt the controller to any application, while offering only one version of actuator takes the guesswork out of the ordering process. Operators will appreciate the large screen with high resolution graphics, while additional features including the adjustable "Target Pressure" indicator and daytime/nighttime screen modes deliver functionality never seen before in a valve controller. The APEX-S offers open/close and preset functions in a compact controller with 10-segment position indicating LEDs instead of the LCD screen.

User programmable daytime and nighttime modes. Set one of the controllers as the MASTER and all controllers on the network will change simultaneously.

Visor Color Options

Black — Orange — Red — Purple — Yellow — Burgundy

White — Blue — Brown — Green — Gray — Silver

- Select from a preloaded menu or type in your own description
- Programmable pressure target indicator
- Large crystal clear sunlight readable display
- 10-segment position indicating LEDs
- MENU for setup, calibration and diagnostics

- Large, impact resistant 3.5" (89 mm) LCD screen for unmatched durability
- Pressure readout in analog gauge or numeric style readout
- Critical data in large, easy-to-read format

- Visor available in NFPA color options
- Customizable to match the color and name of discharge
- User programmable preset for one-touch valve positioning
- Oversized buttons for easy gloved-hand operation

Space-saving design at only 3.75" (95 mm) wide

ORDERING GUIDE

APEX™

Ordering Made Easy

All you do is choose the controller you need. Valve control, pressure, and flow are all in one model and are designed to work exclusively with our E14X valve actuator (or E16X for the EB6D). That makes ordering the Elkhart Brass APEX as simple as one, two, three.

For Unibody valve and actuator information, continue to refer to the Unibody Configurator at ElkhartBrass.com or contact Customer Service.

☐ APEX 100 VALVE CONTROL ONLY
P/N 08899185

Visor - Select one of the color options:

☐ Black ☐ Orange ☐ Red ☐ Purple ☐ Yellow ☐ Burgundy
☐ White ☐ Blue ☐ Brown ☐ Green ☐ Grey ☐ Silver

Add harness to connect controller to valve actuator
Choose a length:

☐ 2' (.6 m) ☐ 10' (3 m) ☐ 15' (4.5 m) ☐ 20' (6 m) ☐ 30' (9 m) ☐ 40' (12 m)

☐ APEX 200 Valve Control and Pressure
P/N 08899186

Visor - Select one of the color options:

☐ Black ☐ Orange ☑ Red ☑ Purple ☐ Yellow ☐ Burgundy
☐ White ☐ Blue ☐ Brown ☐ Green ☐ Grey ☐ Silver

Add harness to connect controller to valve actuator
Choose a length:

☐ 2' (.6 m) ☐ 10' (3 m) ☐ 15' (4.5 m) ☐ 20' (6 m) ☐ 30' (9 m) ☐ 40' (12 m)

☐ Add pressure sensor (P/N 65106000)

Add harness to connect pressure sensor to valve actuator
Choose a length:
☐ 2' (.6 m) ☐ 10' (3 m) ☐ 15' (4.5 m) ☐ 20' (6 m) ☐ 40' (12 m)

APEX 200 shown with optional numeric pressure readout.

APEX 300 shown with optional numeric pressure readout.

☐ APEX 300 Valve Control, Pressure and Flow
P/N 08899187

Visor - Select one of the color options:

☐ Black ☐ Orange ☐ Red ☐ Purple ☐ Yellow ☐ Burgundy
☐ White ☐ Blue ☐ Brown ☐ Green ☐ Grey ☐ Silver

Add harness to connect controller to valve actuator
Choose a length:

☐ 2' (.6 m) ☐ 10' (3 m) ☐ 15' (4.5 m) ☐ 20' (6 m) ☐ 30' (9 m) ☐ 40' (12 m)

☐ Add pressure sensor (P/N 65106000)

Add flow sensor option (style and pipe diameter)

☐ **End cap mount style flow sensor (P/N 65107000)**

☐ **Saddle clamp style flow sensor**
Choose a pipe diameter (Select one):
☐ 2.0" ☐ 2.5" ☐ 3.0" ☐ 3.5" ☐ 4.0"

☐ **Weldment style flow sensor**
Choose a pipe material (Select one):
☐ Steel ☐ Stainless steel ☐ Aluminum

Choose a pipe diameter (Select one):
☐ 2.0" ☐ 2.5" ☐ 3.0" ☐ 3.5" ☐ 4.0" ☐ 5.0" ☐ 6.0" ☐ 8.0"

Select one harness to connect pressure and flow sensor to valve actuator

Choose a length:

☐ 2' (.6 m) ☐ 10' (3 m) ☐ 15' (4.5 m) ☐ 20' (6 m) ☐ 40' (12 m)

☐ APEX-S COMPACT VALVE CONTROL
P/N 08899184

Visor - Select one of the color options:

☐ Black ☐ Orange ☐ Red ☐ Purple ☐ Yellow ☐ Burgundy
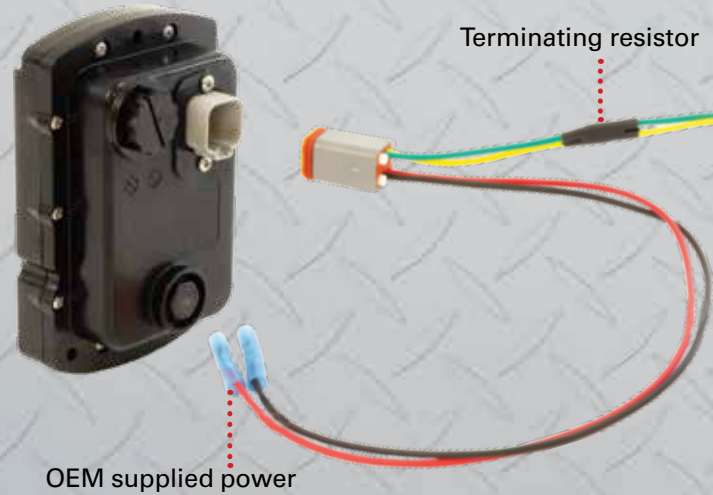☐ White ☐ Blue ☐ Brown ☐ Green ☐ Grey ☐ Silver

Add harness to connect controller to valve actuator
Choose a length:

☐ 2' (.6 m) ☐ 10' (3 m) ☐ 15' (4.5 m) ☐ 20' (6 m) ☐ 30' (9 m) ☐ 40' (12 m)

APEX SYSTEM OVERVIEW

CHOOSE YOUR APEX

Terminating resistor

3- pin Deutsch receptacle

OEM supplied power

Note: Diagram represents single APEX controller to single valve configuration. For multiple controllers and network options, please contact Elkhart Brass Customer Service.
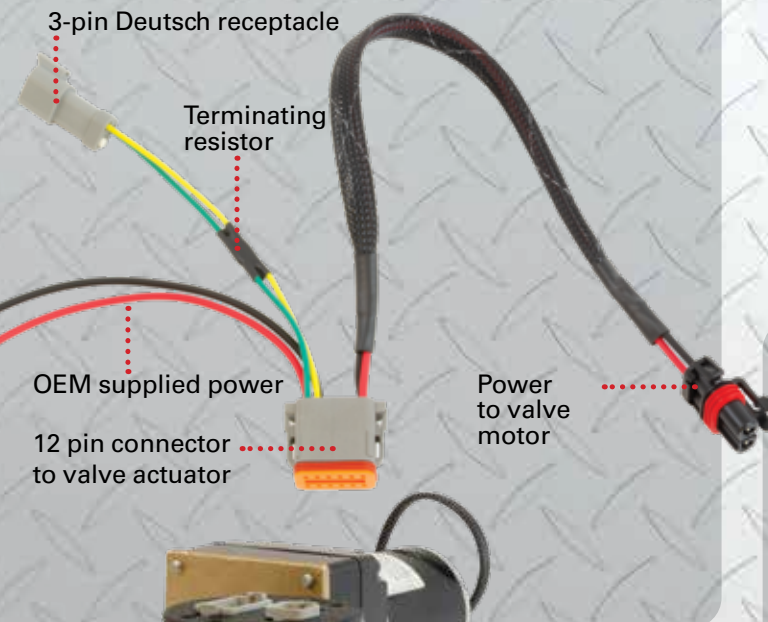
APEX-S
Compact Valve Control

APEX 100
Valve Control

APEX 200
Valve Control with Pressure

75 %
READY

PSI

APEX 300
Valve Control with Pressure and Flow

157
PSI
GPM
READY

SELECT AN OPTIONAL HARNESS

Extension harness available in 2'(.6 m), 10' (3 m), 15' (4.5 m), 20' (6 m), 30' (9 m) and 40' (12 m)

CHOOSE VALVE AND ACTUATOR

3-pin Deutsch receptacle

Terminating resistor

OEM supplied power

12 pin connector to valve actuator

Power to valve motor

6 pin connector to valve actuator

Sensor harness available in 2'(.6 m), 10' (3 m), 15' (4.5 m), 20' (6 m), 30' (9 m) and 40' (12 m)

ADD SENSORS AS REQUIRED

Flow and pressure sensors

Unibody valve shown with E14X actuator

APEX™
Exclusively designed for
UNIBODY ™

APEX™

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& Industrial solutions at
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Driving Safety Forward™