

Versatronik® Mixing Valve Accessories Kit

Mixing valve voltage card and strap-on sensor

Part Number:

KWE 709 026

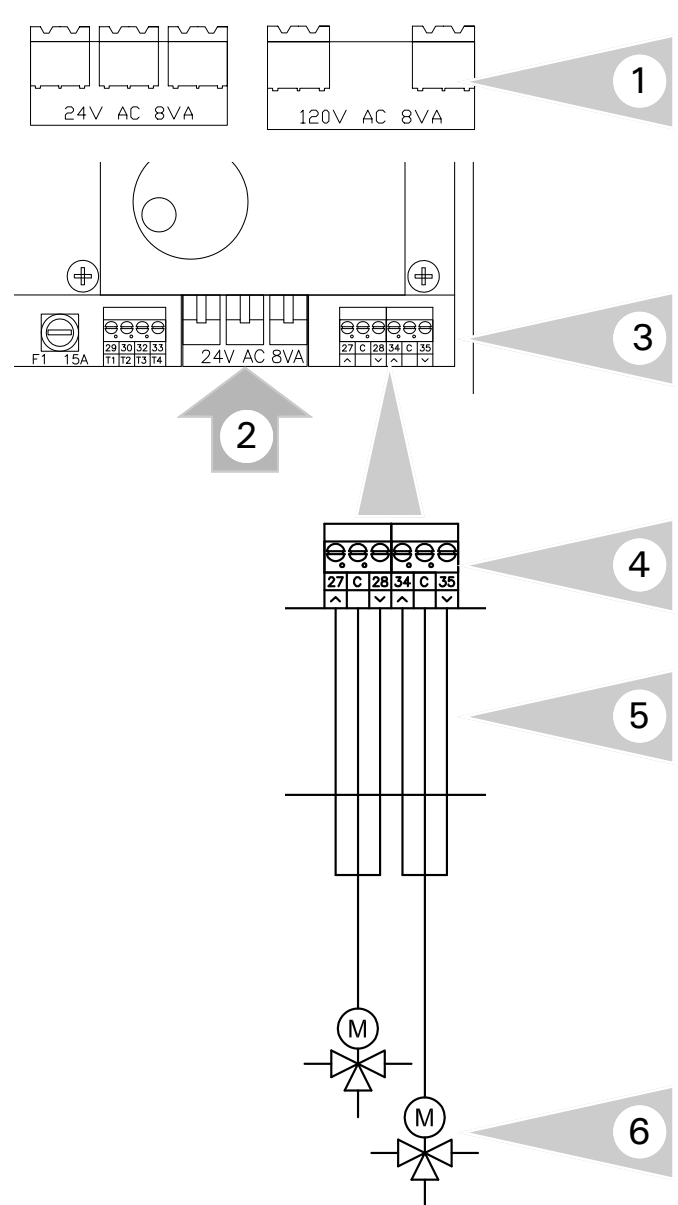
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Applicable Usage:

Versatronik 200 System Control



Installation Datasheet



Installation Overview

1. Select the mixing valve adapter card based on the actuator voltage rating.
2. Install selected card by pushing onto corresponding plug on mainboard in Versatronik 200.
3. Once the mixing valve adapter card has been installed, make the necessary wiring connections to the Versatronik for the actuators to be wired.
4. Locate the terminals in the control.
Mixing valve 1 is connected to terminals 34, 35 and C.
Mixing valve 2 is connected to terminals 27, 28 and C.
5. Use field supplied wiring between the Versatronik 200 and the mixing valve actuator. Ensure suitable wire is used based on local code requirements.
6. Wire the actuators following manufacturer instructions.

Specifications

Voltage	Output VA
24VAC	8VA
120VAC	8VA

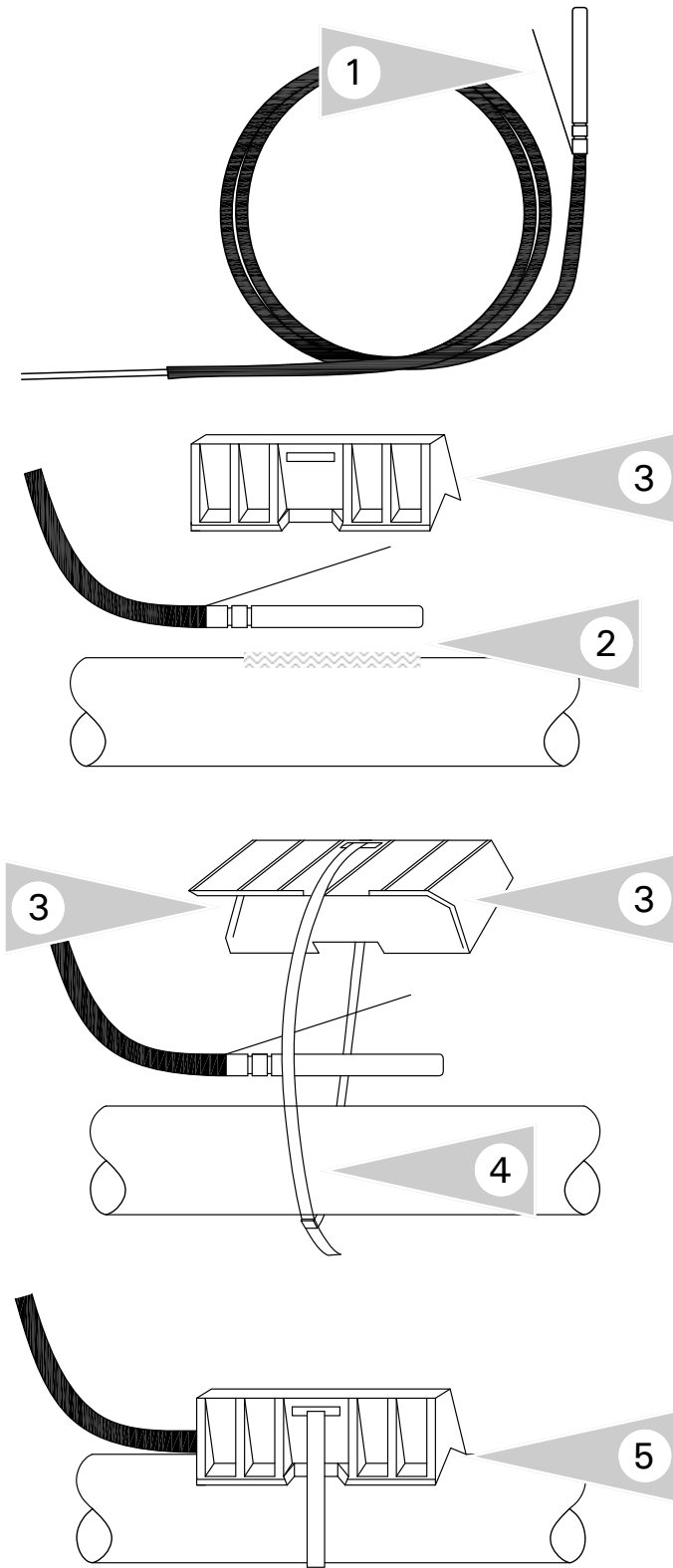
KWE Technologies Group
 750 McMurray Road
 Waterloo, Ontario, Canada
 N2V 2G5
 Tel: (519) 747-5042
 Fax: (519) 747-4448
www.kwe-tech.com
info@kwe-tech.com

IMPORTANT

Read and save these instructions for future reference

Strap-On Sensor

KWE P/N 542 017 Versatronik Mixing Valve Accessories Kit V1.0 01/2009 Technical information subject to change without notice

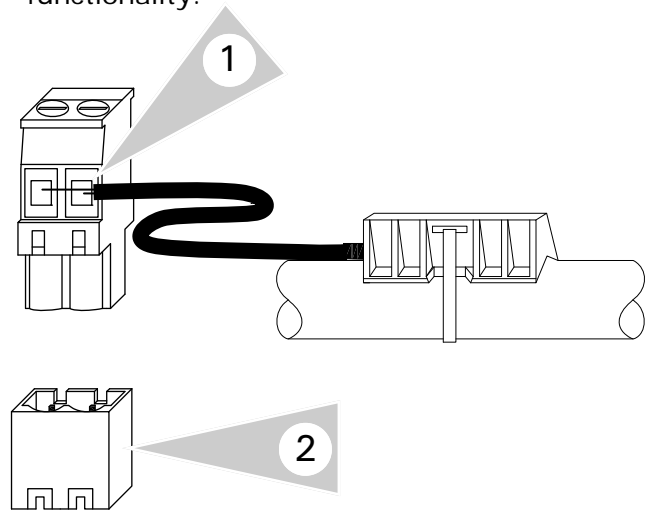


Installation Instruction

1. The same immersion sensor that is used with temperature wells, is also used for strap-on/contact type applications.
2. Select proper location for sensor. When using with mixing valve sensing, ensure the sensor is sensing the mixed temperature out of the mixing valve.
Apply supplied contact paste to sensor/pipe to maximize temperature sensing.
3. Position sensor retaining cap above the sensor. Wire runs through open end of the retaining cap. Fasten down the retaining cap and sensor with supplied wire tie. Larger diameter pipes may require additional wire ties or field supplied wire strapping.
4. Tighten strap.
5. Sensor and retaining cap securely affixed to pipe.

Control Connections

1. Wire sensor to 2-pole plug. Not polarity sensitive.
2. Plug into control socket based on sensor functionality.



Technical Information

Sensor: 5K resistive element
Length: 3m/10feet

Note: When extending wire there is the possibility of exposure to electromagnetic interference. Avoid running wires beside or near high voltage 120/240 VAC conductors.

