



**ASCO 3-WAY SOLENOID  
PILOT VALVE  
ON DeZURIK SPRING-RETURN  
ACTUATORS**

Instruction **D10205**  
August 2012

# DeZURIK

## ASCO 3-Way Solenoid Pilot Valve on DeZURIK Spring-Return Actuators

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### Instructions

These instructions provide information about ASCO 3-Way Pilot Valves. They are for use by personnel who are responsible for installation, operation and maintenance of DeZURIK spring-return actuators.

### Safety Messages

All safety messages in the instructions are flagged with an exclamation symbol and the word Caution, Warning or Danger. These messages indicate procedures that must be followed exactly to avoid equipment damage, personal injury or death.

Safety label(s) on the product indicate hazards that can cause equipment damage, personal injury or death. If a safety label becomes difficult to see or read, or if a label has been removed, please contact DeZURIK for replacement label(s).



#### **WARNING!**

**Personnel involved in the installation or maintenance of valves should be constantly alert to potential emission of pipeline material and take appropriate safety precautions. Always wear suitable protection when dealing with hazardous pipeline materials. Handle valves, which have been removed from service with suitable protection for any potential pipeline material in the valve.**

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### Parts

Recommended spare parts are listed on the assembly drawing. These parts should be stocked to minimize downtime.

Order parts from your DeZURIK sales representative, or directly from DeZURIK. When ordering parts, please include the 7-digit part number and 4-digit revision number (example: **9999999R000**) located on the data plate attached to the valve assembly. Also include the part name, the assembly drawing number, the balloon number and the quantity stated on the assembly drawing.

### DeZURIK Service

DeZURIK service personnel are available to install, maintain and repair all DeZURIK products. DeZURIK also offers customized training programs and consultation services.

For more information, contact your local DeZURIK sales representative or visit our website at [www.dezurik.com](http://www.dezurik.com).

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## **Description**

The ASCO 3-Way Solenoid Pilot Valve is used to vent DeZURIK spring-return actuators upon electrical power failure. When the solenoid is energized, the actuator functions in a normal manner through a controller or positioner.

## **Electrical Characteristics**

This pilot valve is available in several different voltages. See the data plate attached to the pilot valve for the electrical characteristics of that unit.

## **Connections**

Attach the air supply line to port #2 on the solenoid valve. Attach the line to the actuator casing/cylinder to port #1. The valve vents through port #3.