

SOLENOID CONTROL SYSTEM TEST

V-316 Series Bypass Valve

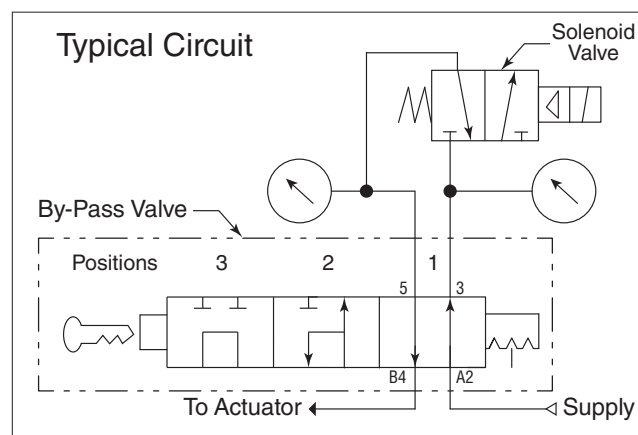
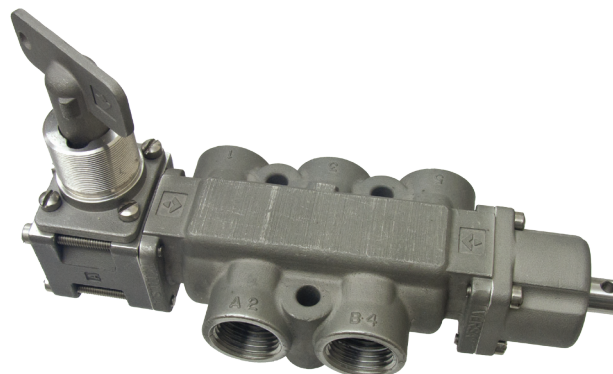
Versa Products Company is excited to offer a valve option for the testing of a solenoid valve control circuits in applications where closing down or “shutting in” the system is not an option. Versa’s bypass valve allows the testing and replacement of a component with in the circuit while not shutting down the main system. Versa’s solution is simple to apply, operate and accomplished in one valve. The, basic valve is a 3 position manual valve. Operation is as follows:

Position 1. This position is the normal position or the regular operation mode.

Position 2. This position places the control circuit in the test mode. In this position the bypass valve allows pressure to the circuit for testing while maintaining pressure on the actuator. With pressure to solenoid inlet and solenoid circuit outlet blocked/isolated this position allows complete testing of solenoid circuit while not shutting down the system.

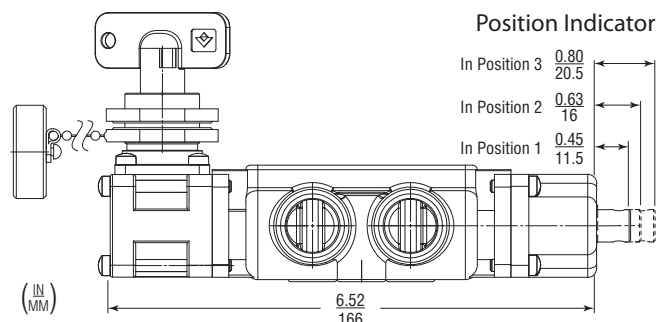
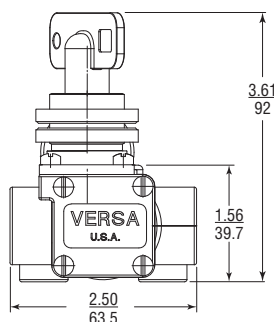
Position 3. This position places the control system in a replace mode. Should it be determined that a component in the control circuit needs to be repaired and or replaced this position allows total isolation from pressure while still holding system pressure to actuator.

Based on Versa proven V-316 series high flow valve. Actuation is available as a rotary switch or key operated. Optional position indication available.



Dimension Drawing

VAU-450X-316-314E***-9E-2039
is shown with key actuation
and optional position indicator.



Description:	Solenoid Bypass valve
Part number:	VAU-450X-316-314E***-2039
Key:	(*** = key code assigned at factory)
Rotary switch:	VAU-450X-316-357E-2039
Function:	Custom circuit, 3 position, see symbol

Actuator:	Manual, detented
Pressure:	0 to 200 psi 0- 14 bar
Flow:	5.5 Cv in normal position
Temperature:	5°F (-15°C) to 300°F (149°C)
Ports:	½ npt

Materials:	
Body:	316 stainless steel
Actuators:	316 stainless steel
Seals:	FKM
Options:	
Position indicator:	Suffix -9E