

**ENERPAC**  
PRODUCTION AUTOMATION

## Instruction Sheet

### V2000 Sequence Valve

L1602 Rev. B 09/93

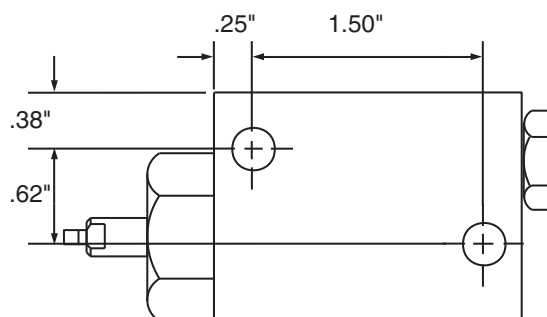
IMPORTANT RECEIVING INSTRUCTIONS: Visually inspect all components for shipping damage. If any shipping damage is found, notify carrier at once. Shipping damage is NOT covered by warranty. The carrier is responsible for all repair or replacement cost resulting from damage in shipment.

## S A F E T Y F I R S T

Carefully plan your system by selecting components designed to perform the intended operation and which will adequately perform with existing equipment. Always check the product limitations regarding pressure ranges, load capacities and set-up requirements. The system operating pressure must not exceed the pressure rating of the lowest rated component in the system. Read all CAUTIONS, WARNINGS, and INSTRUCTIONS included with, or attached to, each product. Follow all safety precautions to avoid personal injury or property damage during the system operation. ENERPAC CANNOT BE RESPONSIBLE FOR DAMAGE OR INJURY RESULTING FROM UNSAFE USE OF PRODUCT, LACK OF MAINTENANCE, OR INCORRECT PRODUCT AND SYSTEM APPLICATION. Contact Enerpac when in doubt as to safety precautions or applications.

### ■ DESCRIPTION

This valve acts as a check valve until the pressure to the valve reaches the preset pressure setting. Then the valve opens, allowing hydraulic fluid to flow to all components downstream of the valve.

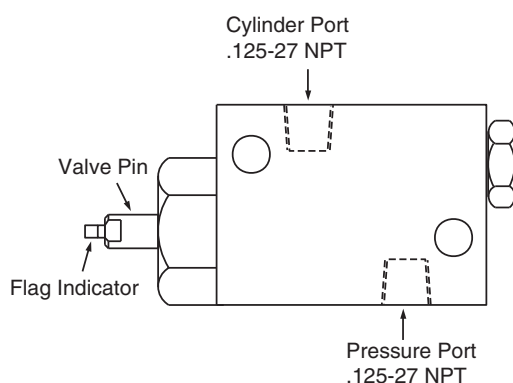


Mounting Holes - .28" Diameter

TO PROTECT YOUR WARRANTY, USE ONLY ENERPAC HYDRAULIC OIL.

## ■ INSTALLATION

To connect the sequence valve to the hydraulic system, first remove all thread protectors. Screw the connector fitting leading to the power source into the port marked "pressure port". Next screw the connector fitting attached to the hose or tubing leading to the clamping components into the port marked "cylinder port". See figure below.



## ■ OPERATION

**NOTE:** The sequence valve is factory set to 300 psi. Pressure setting range is from 200 to 2000 psi.



**The sequence valve should never be used with hydraulic line pressure of more than 5000 psi. Exceeding 5000 psi may result in personal injury and/or equipment damage.**

1. When resetting the sequencing pressure of the clamping units, the valve pin should be adjusted with the pressure off.
2. Increase the hydraulic pressure by gradually turning the valve pin clockwise. Check the pressure readings upstream and downstream to verify the valve opening pressure. Flag indicator will pop out when pressure setting is reached. See figure at left.

**NOTE:** The sequence valve will not open until the preset pressure level is attained.

3. To reduce the hydraulic pressure setting, turn the valve pin counter-clockwise.