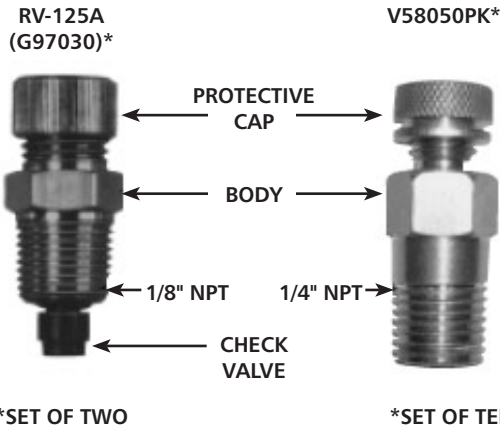
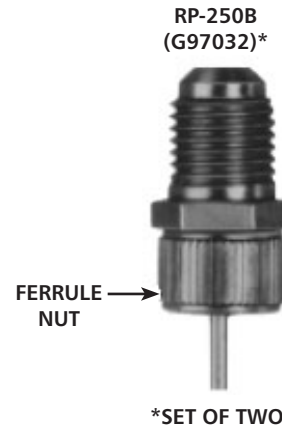




## Readout Valve



## Readout Probe



**INSTALLER: PLEASE LEAVE THIS MANUAL FOR THE OWNER'S USE.**

**NOTE:** This product is not intended for use in potable water applications.



**WARNING:** California Proposition 65 Warning! This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



### SAFETY INSTRUCTIONS

This safety alert symbol will be used in this manual to draw attention to safety related instructions. When used, the safety alert symbol means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED! FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN A SAFETY HAZARD.**

### DESCRIPTION

The Readout Valve is equipped with an integral EPDM rubber check valve designed to minimize system fluid loss when used with a RP-250B Readout Probe to monitor pumps, heat exchangers, valves, etc., handling hot or cold water.

### CONNECTION SIZE

Readout Valve: 1/8" NPT and 1/4" NPT  
Readout Probe: 7/16" – 20 UNF-2A THD Meter Connection

### OPERATIONAL LIMITS

Working Pressure 300 PSIG  
Temperature 250°F


### INSTALLATION INSTRUCTIONS




**WARNING:** Hot fluids and/or fluid under pressure. Isolate the product in which the readout valve is to be installed with shut off valves, or drain the system. Make sure that all drainage from the system has stopped and that the system temperature has cooled to 100° F or less. Vent off any pressure prior to installation. Failure to follow these instructions could result in serious personal injury or death and property damage.


1. Apply pipe joint compound to NPT end of readout valve body and install into NPT opening.
2. Tighten cap on top of the readout valve.
3. Repressurize the system.

## OPERATING INSTRUCTIONS

 **WARNING:** Potential for escape of hot fluids. Use only B&G companion readout probes to obtain accurate and safe readout from the readout valve. Failure to follow these instructions could result in serious personal injury or death and property damage.

 **WARNING:** Hot fluids may escape. When monitoring system flow, care must be exercised to avoid skin or eye contact with liquids that may escape. Failure to follow these instructions could result in serious personal injury or death and property damage.


1. Connect readout probes to pressure or differential pressure meter with the male thread connection. Make sure the connection is tight.

 **WARNING:** Hot fluids under pressure. Before inserting readout probe, slowly loosen the protective cap to vent off any pressure accumulation. The protective cap must be replaced when readout probe is removed. Failure to follow these instructions could result in serious personal injury or death and property damage.

2. Insert the full length of the probe into each readout valve and tighten the ferrule nut. It is not uncommon for a small amount of system fluid to escape during the insertion.
3. Read pressures according to instructions supplied with the pressure measuring device.
4. If the measuring device is not to be left permanently connected to the readout valves, remove the readout probes from the readout valve and reinstall protective caps. If left in place, periodically inspect the probes for leakage and replace if necessary.

## SERVICE INSTRUCTIONS

After use, inspect probe for blockage by visual or other means. Periodically inspect for damage and replace if necessary.

 **WARNING:** Leakage, corrosion or indications of damage are signs of an impending serious failure of the readout valve or readout probe. Periodically inspect the readout valve or readout probe for signs of leakage or corrosion. Replace if noted. Failure to follow these instructions could result in serious personal injury or death and property damage.



Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, Illinois 60053  
Phone: (847) 966-3700  
Fax: (847) 965-8379  
[www.xyleminc.com/brands/bellgossett](http://www.xyleminc.com/brands/bellgossett)

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