Installation Instructions

Sensor Module Replacement Kit

Series LF007 Model IOT, 2½" – 3"

Series LF709 Model IOT, 2½" – 10"

⚠ WARNING

Read this Manual BEFORE using this equipment.
Failure to read and follow all safety and use information can result in death, serious personal injury, property damage, or damage to the equipment.
Keep this Manual for future reference.

THINK SAFETY FIRST

⚠ WARNING

The double check valve assembly must be isolated and depressurized before the pressure sensor modules can be safely removed for replacement. This task should be performed only by a qualified licensed technician and completed before the modules are replaced. Failure to follow these guidelines may result in a malfunctioning assembly.

NOTICE

Use of integrated pressure sensors does not remove the need to comply with all required instructions, codes, and regulations related to installation, operation, and maintenance of the backflow preventer



The replacement pressure sensors ship affixed to adapters. All three sensor modules must be replaced at the same time even if only one sensor has failed or been damaged. This ensures identical calibration across modules for accurate pressure data. The same sensor cables can be used with the replacement sensors.

Tool requirement: ¾" open end wrench

1. Disconnect all three cables from the pressure sensors.
2. Use a ¾" open end wrench to unscrew the pressure sensor modules from the test cocks on the valve assembly.
3. Install the replacement modules, tightening each connection to seat the units properly.
4. Reconnect the cables to the pressure sensors, being sure to connect each cable to the correct pressure-sensing test cock; that is, cable 1 to test cock No. 2, cable 2 to test cock No. 3, and cable 3 to test cock No. 4.
5. Using a flathead screwdriver, open the purge valve on each sensor adapter to release excess air from the adapter.
6. Restore operation of the valve assembly.

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