

Tech Bulletin:

Securing FlowSense Lid

FlowSense™

Update:

Quality control has found that a percentage of the first batch of FlowSense modules have a disposition to pull open more readily than designed. This is NOT an issue of concern, but a visual irritation. The sensor and circuit board are fully sealed with electrical potting and will not suffer from an open lid.

A running change to improve lid strength has been made but a few modules may still be found that have an increased disposition to open. Simply use a zip tie as shown in this document to secure the lid close.

Normal FlowSense lid position:



The FlowSense lid was designed to easily snap closed after the control board is inserted and potted. This gives the unit a clean assembled design and gives the potting time to cure before shipping.

FlowSense with lid hanging open:



Notice the electronic components are completely enclosed in the potting material and will not be damaged if gotten wet or dirty due to an open lid.

FlowSense with zip tie securing lid:



If a FlowSense is found with an open lid that will not stay closed, use a zip tie to secure the lid down. Simply pull the zip tie over the lid and around the body in a diagonal fashion as shown in the image above. This will hold the lid in place on the FlowSense housing. A yellow zip tie was used to illustrate the location above; a black unit will have a greater visual appeal.