

# Drum Alarm Instructions

## 1. Connect Battery

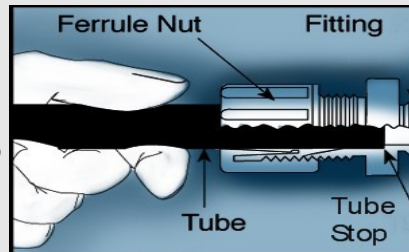
Open the cover and snap the battery into the battery clip. Replace cover.  
On units powered by AC adapter, plug in the jack.

## 2. Connect Tubing

The standard compression tube fitting installed on the Drum Alarm will connect either soft Tygon® or hard polyethylene tubing.

### INSTALLATION OF TUBING INTO COMPRESSION FITTINGS

- Cut the tubing end squarely. (and remove the internal and external burrs if hard tubing)
- Insert the tubing through the back of the nut all the way through the nut assembly to the tube stop in the fitting body (see illustration). If the tubing does not enter the nut easily, loosen the nut one turn and then insert the tubing all the way to the tube stop in the fitting body
- Turn the nut hand tight.



If it is necessary to replace the compression fitting, (with a different size for example) screw the PTFE-taped replacement fitting into the pipe elbow by hand, wrench-tighten no more than 1 turn past hand tight.

## 3. Fill Feed Pipe (for low level alarms)

On 55-gallon size low level alarms, the feed pipe volume is 1.6 L, which usually takes a minute to fill. Once full, a positive displacement pump should sustain the level if there are no leaks in the tubing going to your pump.

## 4. Monitor Flow (for low level alarms)

The flow indicator and check valve (if installed) will restrict the flow somewhat, so an increase to the existing pump stroke may be necessary.

## 5. Battery Change Reminder

Put a reminder on your PM program to replace the battery. Or, contact us and we'll be glad to send a reminder for you. A single battery provides 50 hours of continuous alarming. As a rule of thumb:

<u>Alarm Frequency</u>	<u>Battery Replacement Schedule</u>
Several times daily.....	Yearly
Once daily.....	2 years
Once weekly.....	4 years
Rarely.....	6 years