

# Centeron® Radar Monitor Installation Guide

## For New Monitor Only

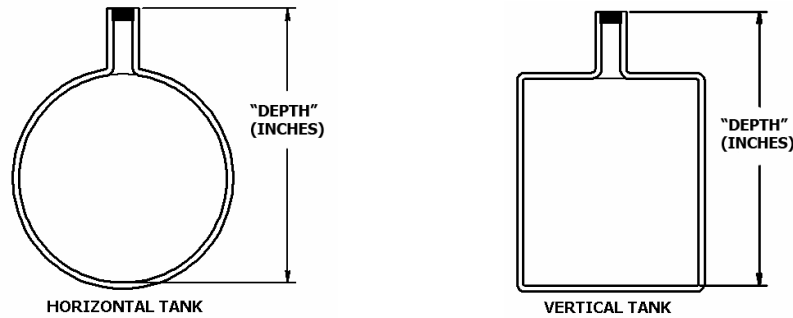
### ACTIVATE CONTROLLER BEFORE INSTALLING THE MONITOR

SEE CONTROLLER SETUP INSTRUCTIONS

Required Tools: Pipe wrench to remove existing tank cap, diagonal wire cutter, #2 Phillips screwdriver, tape measure

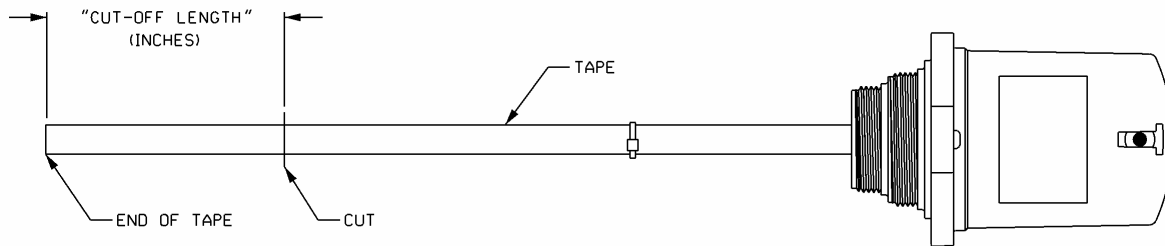
If installing Monitor in a standpipe see section 3.3 of the Radar Monitor Instruction Manual

1. Select a mounting bung on top of the tank that will allow the Radar Monitor tape to hang freely and not touch any part of the tank. Measure the overall tank Depth, the distance in inches from the top of the threaded mounting bung to the inside bottom of the tank as shown below:



2. Calculate the Cut-Off length for the appropriate Monitor Model Number using the following table and then cut the tape as shown below. **DO NOT cut the tape off if the tank "Depth" is greater than the number that it is being subtracted from.**

Monitor Part Number	Cut-Off Length (Inches)
RMxxxE048xxxxxx	"Cut-Off Length" = 50 – "Depth"
RMxxxE072xxxxxx	"Cut-Off Length" = 74 – "Depth"
RMxxxE096xxxxxx	"Cut-Off Length" = 98 – "Depth"
RMxxxE120xxxxxx	"Cut-Off Length" = 122 – "Depth"
RMxxxE144xxxxxx	"Cut-Off Length" = 146 – "Depth"
RMxxxE192xxxxxx	"Cut-Off Length" = 194 – "Depth"



3. Select the O-ring for the tank bung size and install it on the tape. Slide the float, then the anchor on the tape. Align the end of the anchor flush with the end of the tape and tighten the anchor screws to a minimum of 10 in-lbs.
4. Carefully lower the tape into the tank, starting with the anchor. Do not nick the cable insulation on the tank threads. Make sure that all loops, twists, and kinks are removed as the cable is lowered into the tank. The float must be able to move freely on the tape and the anchor must not touch the bottom of the tank for proper operation.
5. Make sure the O-ring is in place on the Monitor. Screw the Monitor in until snug, + 1/8 turn. **DO NOT OVERTIGHTEN.**
6. Remove the magnet from the Monitor upper housing to turn on the Monitor and complete the installation. Do not discard the magnet; stick it to the tank or Monitor housing screw for possible future use.

*See Radar Monitor Instruction Manual for additional information*