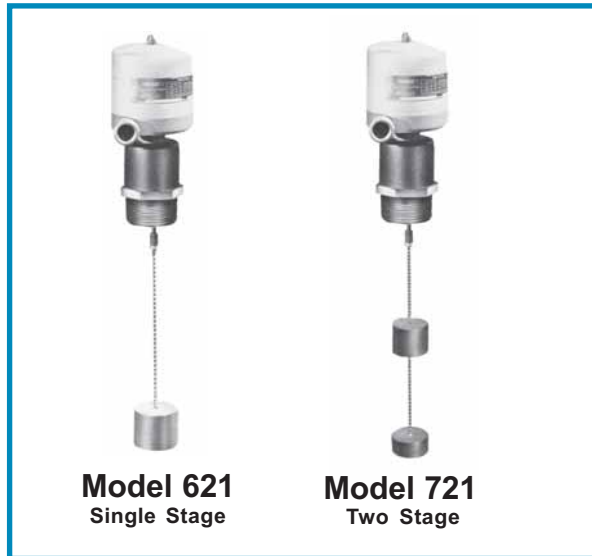




PRODUCT DATA SHEET

Model 621/721

Top Mounted Level Controls
Lead Displacers



Lead Displacers to protect against nuisance switching associated with wind

Short fixed differential- Ideal for alarm applications

Standard Omnitrol Quality Components

Positive tank protections and spill prevention

Stainless Steel bead chain for positive displacement

CSA & UL Approved

The Omnitrol Models 621/721 Top Mounted Level Controls Lead Displacers

The Omnitrol Model 621 single stage controls and the Model 721 two stage controls are “special purpose” top mounted level switches of the fixed differential type. The feature which sets these level devices apart from other top mounted controls is the lead displacers that are suspended on a stainless steel beaded chain for the purpose of determining floating roof tank top alarm positions.

As the level in a floating roof tank or internal floating pan rises and falls so does the roof. A Model 621 unit may be mounted above the top of the tank (bracket mounted) with the displacer weight adjusted to the desired level of actuation.

As the roof rises to the Hi level position and picks up the weight, the control senses the release of the weight and opens or closes an electric or pneumatic contact switch.

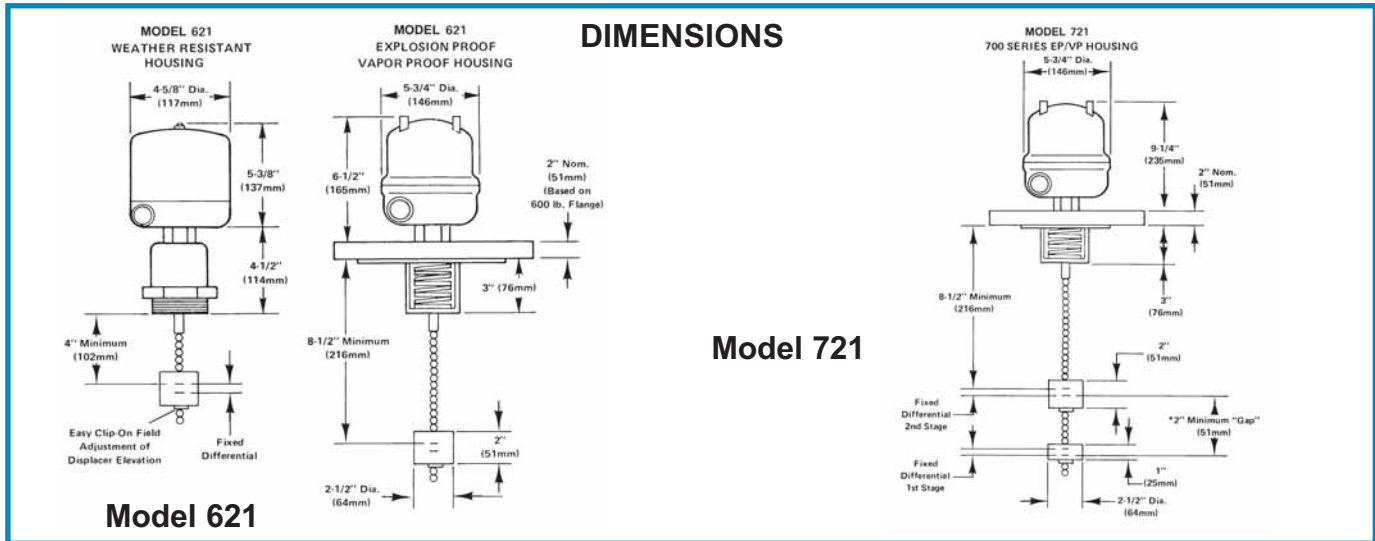
The beaded suspension chain is used to prevent coiling and kinking that is often associated with cable. The 721 works in the same manner as the 621 except that it offers two stage operation for such applications as Hi and Hi-Hi level alarms. Both the 621 and 721 may be mounted via the standard 2-1/2” NPT mountings or by any standard flange sized 3” or larger. For open roof tanks, an external mounting bracket which folds flat for shipping, can be supplied.



Model 621/721
Top Mounted Level Controls
Lead Displacers

PRODUCT DATA SHEET

Temperature:	-20° F to 400° F (-29° C to 204° C) (Process)
Calibration:	Each control is factory calibrated prior to shipment to the field. Additional lengths of Stainless Steel beaded chain may be specified.
Switch Housing:	Standard, Weather resistant, Explosion Proof/Vapor Proof, Explosion Proof/Rain Tight
Mounting Connection:	Screwed (Cast Iron or Forged Steel) or Flange Mounting
Optional Equipment:	Ground Level Checker Model 947



All designs subject to change. Certified dimensions and specifications available upon request.

INFORMATION REQUIRED TO ORDER:

6(7)21- C -D -E -F -G -H -Y -J -K -L

Process Connection & Material

Flange Size _____

Flange Pressure Rating _____

Flange Face Type _____

Housing Type _____

Switch Type _____

Reserved _____

Displacer Cable Length _____

Ground Level Checker _____

Specials _____