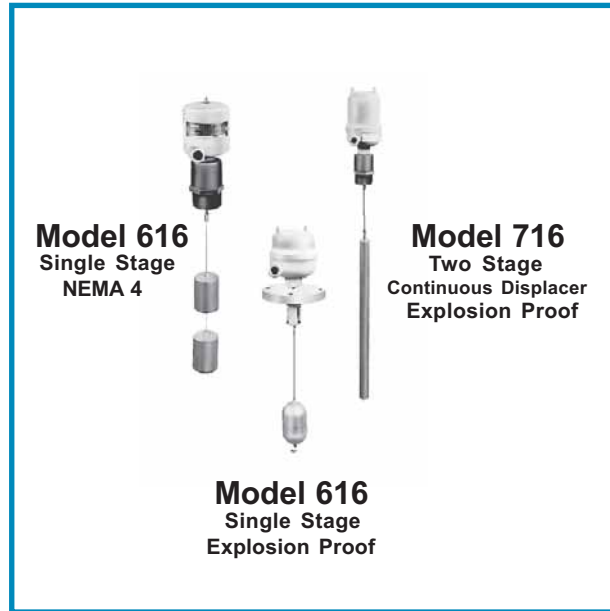




## PRODUCT DATA SHEET

# Model 616/716

Top Mounted Actuators  
Stainless Steel Displacers



Specifically designed for sewage

Designed for applications requiring SS

High Temperature Applications

Acidic and Alkaline Liquids

UL & CSA approved

## The Omnitrol Model 616/716 Top Mounted Actuators Stainless Steel Displacers

The Omnitrol Model 616 single actuator and the Model 716 double actuator are top mounted level switches. These controls have a standard 2-1/2" NPT connection and are also available with various sized flanges. The displacer is made of a hollow stainless steel tube. The continuous displacer offers the special advantage that switching will not be affected by a build up of oils or solids on the displacer. Switching will take place slightly higher on the displacer if build up occurs. Since the top of the displacer is always above the high liquid level, rags or other materials cannot entangle on the top of the displacer and cable.

Displacers do not ride the surface of the liquid, but rather "sink" in the liquid, and they are not

affected by surface agitation, thereby eliminating nuisance switching. These displacers are weighted and are not affected by turbulent liquids.

Omnitrol uses the *Constantly Engaged Magnetic Field* which gives a positive "make" or "break" action of the mercury switch. The power of Omnitrol's magnetic field enables the use of an SPST, SPDT, DPST, or DPDT switch economically on each actuator.

The temperature rating of each control is limited by the materials of construction, displacer, and switch selected. Mercury or micro switches can be used on each side of the actuator to provide double pole switching.



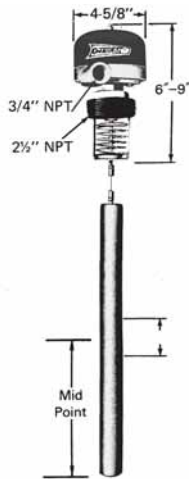
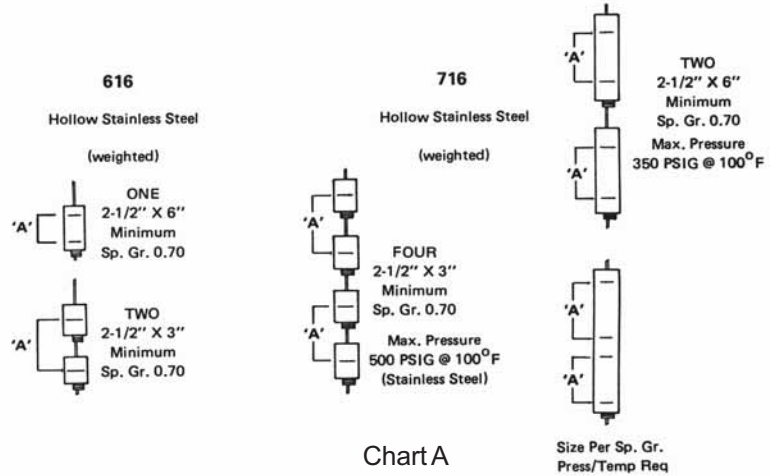


# Model 616/716

## Top Mounted Actuators Stainless Steel Displacers

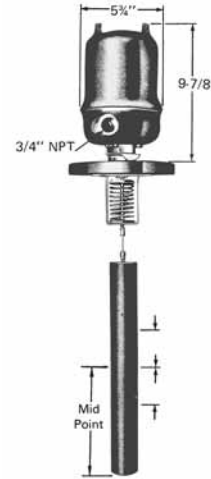
### PRODUCT DATA SHEET

Specific Gravity Range	
Maximum	2.0
Minimum	.70
<b>Allowable Specific Gravity Variation</b>	+/- .2 Except note minimum
Temperature Rating (Process)	
Stainless Steel	500° F
<b>Displacer Size</b>	See Chart A



**Model 616**

### DIMENSIONS



**Model 716**

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

### INFORMATION REQUIRED TO ORDER:

**6(7)16- C -D -E -F -G -H -I -J -K -L**

Process Connection & Material \_\_\_\_\_

Flange Size \_\_\_\_\_

Flange Pressure Rating \_\_\_\_\_

Flange Face Type \_\_\_\_\_

Housing Type \_\_\_\_\_

Switch Type \_\_\_\_\_

Specific Gravity \_\_\_\_\_

Displacer Cable Length \_\_\_\_\_

Ground Level Checker \_\_\_\_\_

Specials \_\_\_\_\_

