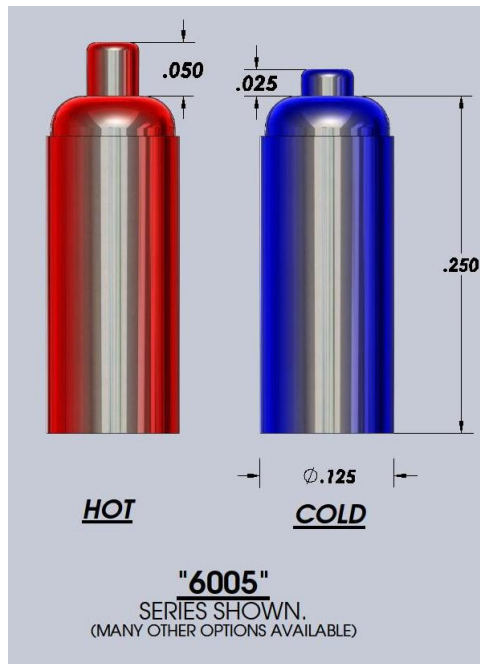


Micro Actuators

Our new line of completely customizable micro-thermal actuators are now available in 3 different configurations. Vernatherm's self-actuating thermal actuators may be applied in a variety of different applications without the need for any other power source.

Our thermal expansion material blend gives us an edge over our competitor's standard operating temperatures. When you choose Rostra's thermal actuators, you are in complete control of what temperature range you receive. You can choose any temperature range from 30F to 300F which is the largest selection available today.

The repeatable expansion/contraction of these thermal actuators can be utilized to operate a valve, mechanical linkage, electric switch, or any other device. Actuators are typically fabricated from stainless steel or brass and coated per our customer's specifications. These can then be machined with any type of thread, shoulder, valve end, or any other custom modification you would like.



Rostra Vernatherm has the capability to customize your actuator's characteristics to any value you need it to be; all you need to do is provide us with the specific requirements.

If you are unsure of what you need, we work with you and provide samples for you to test. Due to the nature of our products, each thermal actuator is custom manufactured for each customer due to their individual temperature function needs.

Advantages:

- Repeatable
- Turns heat into motion
- No external power required
- Completely customizable
- Selectable temperature range

