MANVIA

THERMAL SHUT-OFF VALVE TVS-49

For process analyzers and similar instrumentation, it is important to assure that the process sample fluids are always below the maximum allowable temperature for such instruments, for it sample coolers are commonly used to reduce sample temperatures to the acceptable limits.
In the event of a loss of cooling fluid to the sample cooler, or if the desired sample temperature is exceeded the operating temperature 49°C (120ºF). The thermal actuator modulates the valve to close the inlet orifice to prevent equipment damage.TSV modula la válvula para cerrar el orificio de entrada y evitar daños en los equipos y en la instrumentación.

Applications:

- Steam & Water Sampling Systems.
- Automatic Thermostatic Bypass.
- Thermostatic Flow Control.
- High or Low Temperature Relief.
- High Temperature Safety Shutoff.
- Thermostatic Drain Valve.
- Thermostatic Cooling water Control.
- Thermostatic Condensate Drain.
- Heat Exchangers.

Features:

- Automatically resets, no operator involvement required.
- No outside Power Source required.
- Rugged, compact design, easy installation, fast response.
- Operating temperatures unaffected by pressure.
- Corrosion resistant: all stainless steel construction.
- Delivers superior value vs. more expensive electric valves.
- Maintenance free.

MANVIA

THERMAL SHUT-OFF VALVE
TVS-49

Specifications		
Model	TVS-49	
Inner Material	Stainless Steel 316	
Connection	1/2" NPTF	
Max. Pressure	3.000 PSI	
Max. Temperature	315°C (600°F)	
Set Point (°Deg) (Open-closed) Factory Set 10 Deg to 250 Deg	Std: 41°C-46°C (105°F-115°F) Other ranges available on request.	
Relief Pressure	1,4 kg/cm²	
Model	**Name**	**Units**
TVS-49	Hight Temp sample shutoff valve	1