▲ PEAKTRONICS

The Peaktronics HAT-100 Series Heater and Thermostat Assemblies are ideal for preventing condensation inside most actuators. The heating element has two mounting tabs allowing it to be easily mounted to a variety of surfaces inside the actuator. When mounted to a Peaktronics mounting bracket inside the actuator, the heating element surface stays at a moderate temperature preventing burns or melted wire insulation.

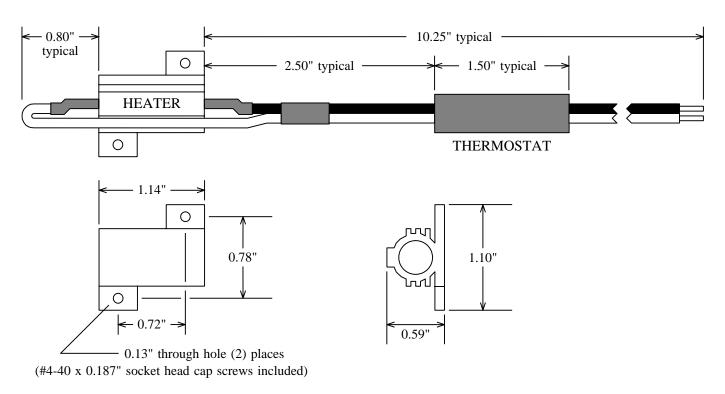
The inline thermostat allows it to be placed away from the heating element to avoid premature shut off. The thermostat typically switches at 30°C (86°F) to maintain a

HAT-100

Heater and Thermostat Assembly

moderate internal temperature inside the actuator. An embedded suppression capacitor reduces RF emissions that can occur when the thermostat switches on or off.

In applications where constant power is not wired to the actuator, the HAT-100x can be used with an RHM-100x Relay Heater Module. The RHM-100x module powers the HAT-100x from the control power signals going to the actuator.



SPECIFICATIONS

POWER REQUIREMENTS (14 watts nominal at rated voltage)

 $\begin{array}{ll} \text{HAT-100} & 117 \text{ VAC} \pm \! 10\% \\ \text{HAT-100A} & 234 \text{ VAC} \pm \! 10\% \end{array}$

HAT-100B 24 VAC +20/-10% or 24 VDC +20/-10% HAT-100C 12 VAC +20//-10% or 12 VDC +20/-10%

HEATER IMPEDANCE

 $\begin{array}{lll} \text{HAT-100} & 1\text{K ohms} \pm 5\% \\ \text{HAT-100A} & 3.9\text{K ohms} \pm 5\% \\ \text{HAT-100B} & 39/40 \text{ ohms} \pm 5\% \\ \text{HAT-100C} & 10 \text{ ohms} \pm 5\% \end{array}$

THERMOSTAT SWITCH OFF TEMPERATURE: 30 °C ±5 °C