

VT-TA

Thermic Terminal Valve Actuators



Features:

- Silent operation
- 24Vac & 230Vac supply versions
- No tools required for mounting
- Position indicator

Technical Overview

Used with the VT-xP range of valves, they are tried and tested totally silent wax expansion principle actuators.

The valve opens in direct proportion to the amount of wax melted, driving the stem through its travel to close (or open) the valve. They provide a very cost effective solution for valve control.

Specification:

Power supply:	
VT-TA-24	24Vac \pm 10%
VT-TA-230	230Vac \pm 10%
Power consumption:	
On/off types	1.8W
0-10Vdc types	2W
Control type:	
VT-TA-xx-1 / 2	On/off
VT-TA-24-M	0-10Vdc Modulating
Operating current:	
24V on/off	75mA (in-rush 250mA 2 min. max.)
230V on/off	8mA (in-rush 300mA 200ms max.)
24V mod.	83mA (in-rush 250mA 2 min. max.)
Stroke	4mm (0.16")
Speed:	
On/off types	180 seconds approx.
0-10Vdc types	30s/mm
Actuator force	100N \pm 5%
Connection cable	0.9m (2.95')
Ambient:	
Temperature	5 to 40°C (41 to 104°F)
Humidity	0 to 95% non-condensing
Protection	IP54
Country of origin	Germany

Part Codes:

VT-TA-24-1	Terminal valve 24Vac on/off thermic actuator, (Normally open)
VT-TA-24-2	Terminal valve 24Vac on/off thermic actuator, (Normally closed)
VT-TA-230-1	Terminal valve 230Vac on/off thermic actuator, (Normally open)
VT-TA-230-2	Terminal valve 230Vac on/off thermic actuator, (Normally closed)
VT-TA-24-M	Terminal valve 24Vac modulating thermic actuator



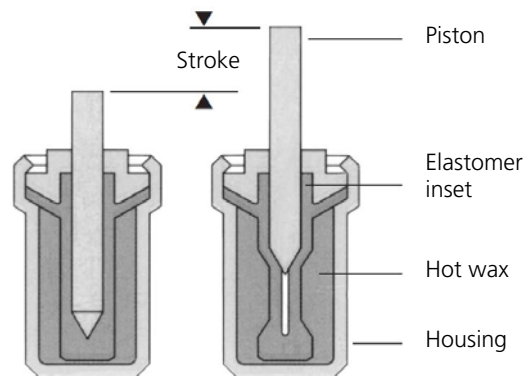
24Vac actuator versions

The products referred to in this data sheet meet the requirements of EU Directive 2004/108/EC

230Vac actuator versions

The products referred to in this data sheet meet the requirements of EU 2004/108/EC and 2006/95/EC

Operating Principle:



Installation:

The actuator can be installed vertically, or at any angle not exceeding the horizontal.

The Actuator mounting thumbnut is to be hand-tightened only, using tools may result in over-tightening.

Whilst every effort has been made to ensure the accuracy of this specification, Sontay cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

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