

Honeywell

防冻保护开关

Frost Protection Thermostat

产品说明书 / Product Instructions

规格 / Specification

型号 Model	调节范围 Adjust range	可调温 Temperature		出厂默认值 Factory default		感温包&线圈尺寸 Sensor & coil dimension		使用场合温度条件 Use condition
		最小 Min.	最大 Max.	接通 Cut-in	断开 Cut-out	长度Length	温包直径 Diameter	
HSFT-180A	(-10~10) °C	2 °C	10 °C	5 °C	3 °C	1.8m	6mm	本体温度- 温包温度>5°C TS-Tb>5°C
HSFT-300A						3.0m		
HSFT-600A						6.0m		

电气参数 / Electrical Data

电压V	交流 A.C	V Votage	A.C
	5V.A.C至240V.A.C		5V.A.C to 240V.A.C
电流A	5A - 16A	AC current	5A - 16A
交流电流	5A - 16A	Operating temperature	-30-55°C
工作温度	-30-55°C	Terminal	Screw terminal, can be used for cables below the section area of 2.5 mm ²
接线端子	螺钉端子, 可用于截面积2.5mm ² 以下的线缆	Inlet Hole	M16X1.5, suitable for 3 cores Φ5 to Φ10mm cable
进线孔	M16x1.5, 适用于3芯Φ5至Φ10mm的线缆		

安装与调试 / Installation and Commissioning

按压后逆时针旋转90度打开
After pressing, Turn 90 degree counterclockwise to open

按压后顺时针旋转90度关闭
After pressing, Turn 90 degree clockwise to close

快速锁紧栓
Quick lock bolt

温差调节
Differential temperature adjustment

温度调节
Temperature Adjustment

温度值&指针
Temperature scale

温差值&指针
Differetial Temperature scale

- 控制器开关有三个触点, 一个定触头1, 二个动触头 3 和 5。
- 只需要将控制设备通断的两根线根据使用需求连接在1&3或者1&5触点上即可。
- 温度下降到设定低温时, 端子1和端子3断开, 端子1和端子5接通
- 温度上升到设定高温时, 端子1和端子3接通, 端子1和端子5断开。
- The controller switch has three contacts, one fixed contact 1, two moving contacts 3 and 5
- Simply connect the two wires that control the cut-in and cut-out to 1 & 3 or 1 & 5 contacts as required.
- When the temperature drops to the low temperature setting, Terminal 1 and Terminal 3 are disconnected and Teminal 1 and Terminal 5 are connected
- When the temperature rises to the high temperature setting, Terminal 1 and Therminal 3 are connected and Terminal 1 and Terminal 5 are disconnected

安装要求 / Installation Requirements

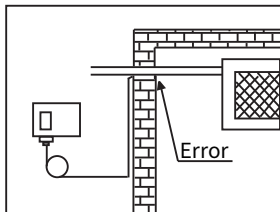
温控器本体
Thermostat body

安装板
Mountig plate

使用螺钉固定在墙面或固定面上
Fix to a wall or fied surface with screws

注意事项:

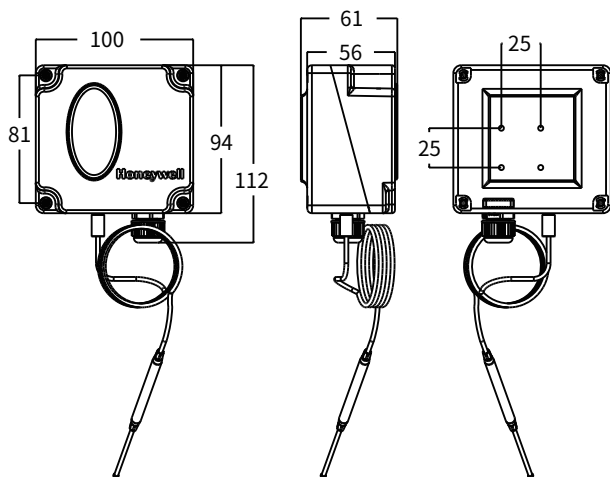
- 温控器本体应安装在振幅小于 1.5 mm 的地方。
- 不允许产品的毛细管在通过墙壁时与吸气管并列接触 (如图)
- 产品能接受的最大过载温度为120°C，最长一小时。
- 产品本体所处场合的温度至少要比温包所控制场合的温度高5°C。
- 当温控器直接安装在压缩机面板上时，应将其毛细管用夹带固定在面板上，使压缩机与温控器的毛细管作为整体振动。另外，多余的毛细管必须圈成约Φ60mm的圆，绑紧后再固定到面板上。



Notice:

- The thermostat body should be installed in the place where the amplitude is less than 1.5mm
- Do not allow the capillary of the product to come into contact with the suction tube side by side as it passes through the wall. (see photo)
- The maximum acceptable overload temperature for the product is 120°C for up to one hour
- The temperature at the location of the product body shall be at least 5°C higher than the temperature at the location controlled by the temperature package
- When the thermostat is installed directly on the compressor panel, the capillary tubes of the thermostat shall be fixed on the panel with entrainment to make the capillary of the compressor and the thermostat vibration as a whole. In addition, the excess capillary must be circled into the Φ60mm diameter rings, then fixed to the panel

外形尺寸 / Dimension (mm)



安全说明 Security Instructions

本节列出了用户使用该产品时，必须遵循的一些安全指导和提示。

- 确保设备的物理安全。
- 确保设备安装、运行、维护管理的安全性。
- 请勿打开设备或损坏设备外观，导致设备内部暴露。

注意: 上还是霍尼韦尔推荐的操作及安全管理，但并不局限于此。如果您发现任何安全漏洞。请报告security@honeywell.com

This section lists the few security guidelines and tips that you must follow for the product.

- Ensure the physical security of the device.
- Ensure the security of equipment installation, operation and maintenance management.
- Do not open the device or damage the appearance, resulting in internal exposure.

Note: These are the tips that Honeywell recommends. But is not limited to. If you find any security vulnerability. Report it to security@honeywell.com.

有害物质名称及含量 Hazardous Substance Table

部件 Components	有害物质 Hazardous substances					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6 (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
防水接头 Waterproof connector	0	0	0	0	0	0
密封条 Seals	0	0	0	0	0	0
螺钉 Screws	0	0	0	0	0	0
上盖 Top Cover	0	0	0	0	0	0
下盖 Lower Cover	0	0	0	0	0	0
外壳总成 Shell Assemblies	0	0	0	0	0	0
气箱 Gas Tank	X	0	0	0	0	0
波纹管 Bellow	0	0	0	0	0	0
感温组件 Temperature Sensor	0	0	0	0	0	0
微动开关 Microswitch	0	0	0	0	0	0
本表格依据 SJ/T 11364 的规定编制。This table is prepared in accordance with the provisions of SJ/T 11364.						
O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。 Indicates that the hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.						
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。 Indicates that the hazardous substance contained in at least one of the homogeneous materials for this part is above the limit requirement of GB/T 26572.						
未列入表内的其他部件，皆不含任何超出限量要求的限制使用物质。 All other components, not listed in the table, do not contain restricted substances above the threshold level.						

霍尼韦尔环境自控产品(天津)有限公司
天津经济技术开发区南海路 158 号
邮编: 300457
Honeywell Environmental And Combustion
Controls (Tianjin) Co., Ltd
No.158,NanHai Road,TEDA,Tianjin,P.R.C.300457

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