

HT7000系列温度传感器及变送器安装指导

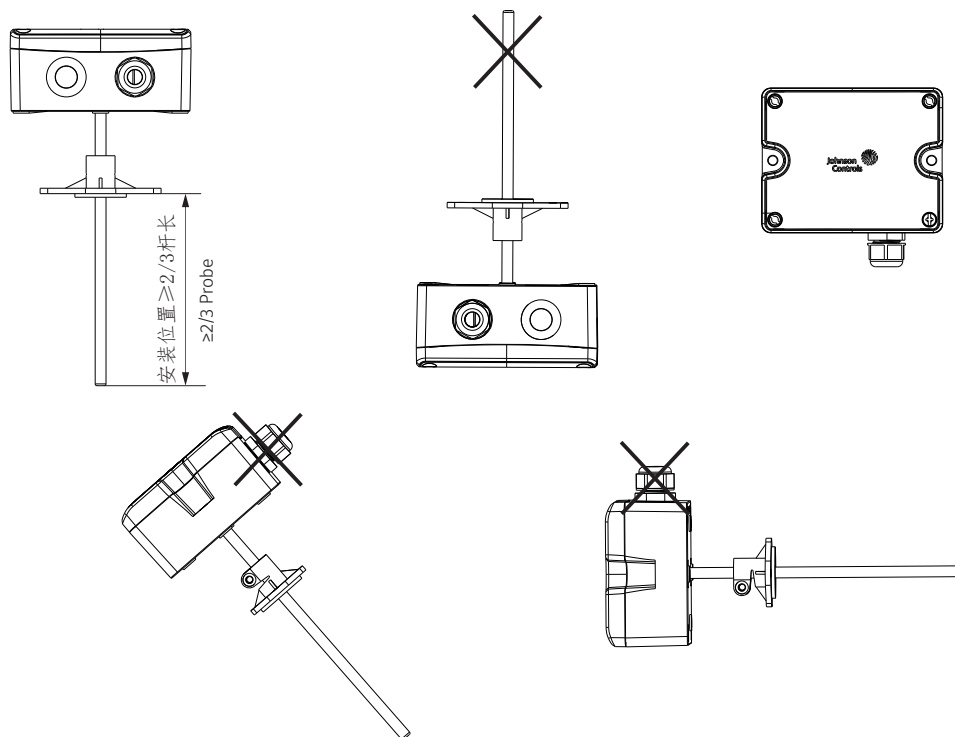
HT7000 Series Temperature Sensor and Transmitter Installation Guide



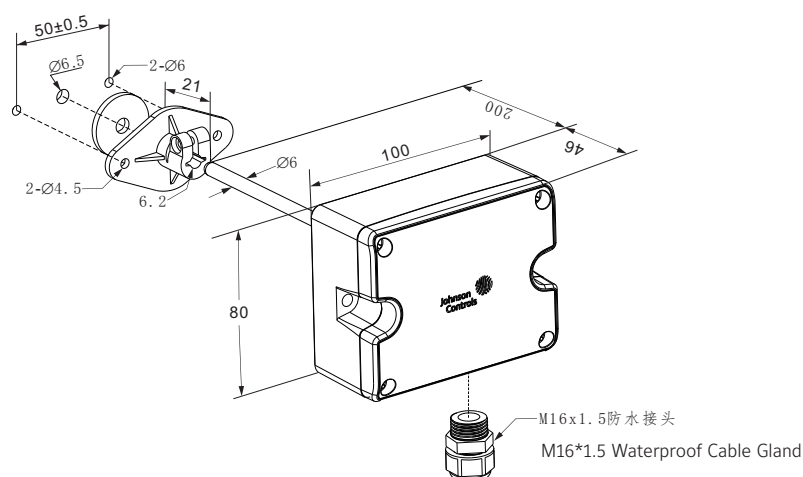
安装指导 / Installation Guide

风道款 Duct Type

安装位置 Installation Location

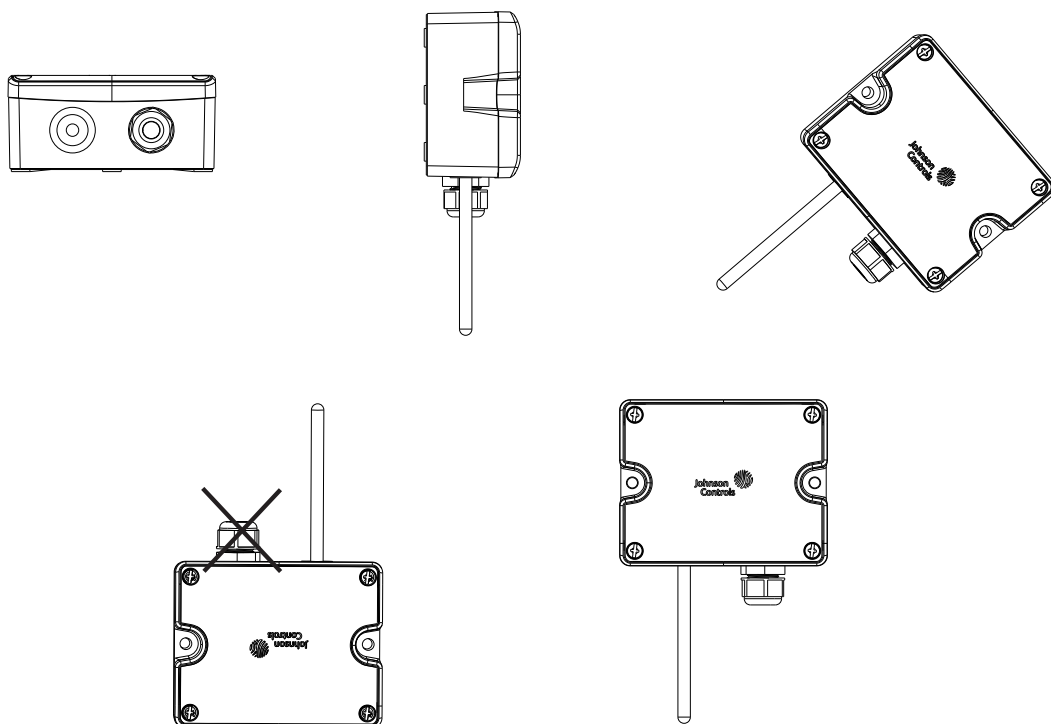


安装尺寸图 Installation Dimension(mm)

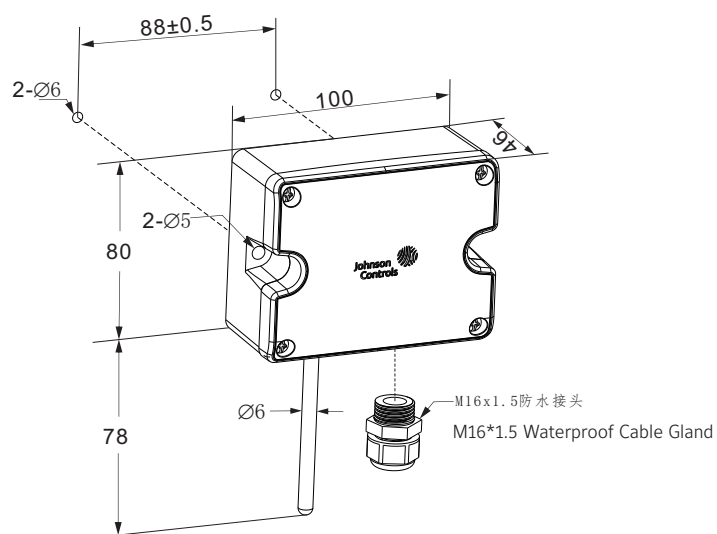


壁挂款 Wall Mount

安装位置 Installation Location

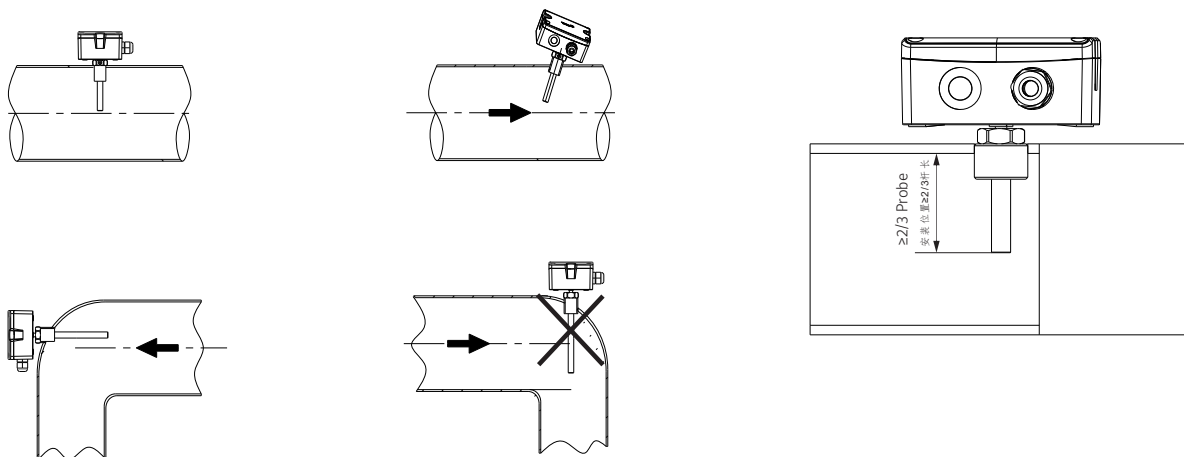


安装尺寸图 Installation Dimension(mm)

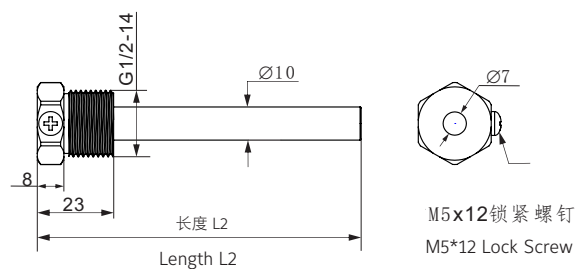
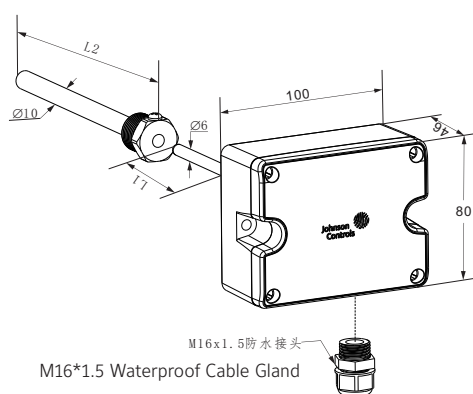


浸入款 Immersion Type

安装位置 Installation Location



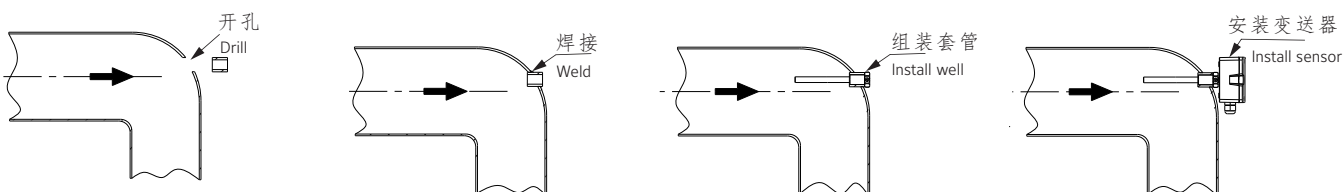
安装尺寸图 Installation Dimension(mm)



探杆长度 L1 (mm) Probe length L1 (mm)	套管长度 L2 (mm) Well length L2 (mm)
65	65
102	102
152	152
300	300

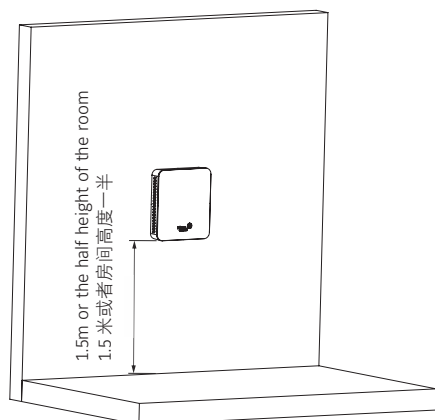
(参考型号选择表 refer to product selecting chart)

安装步骤 Installation Step

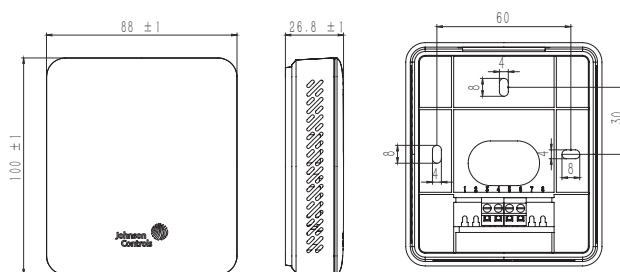


室内款 Room

安装位置 Installation Location

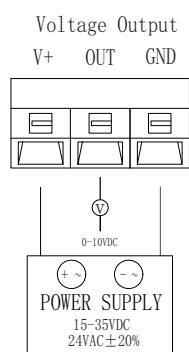


安装尺寸图 Installation Dimension(mm)

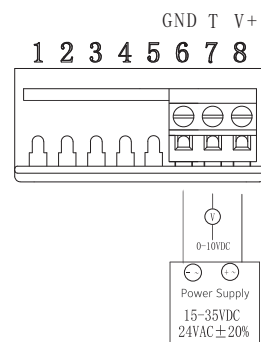


接线 / Wiring

电压输出 Voltage Output

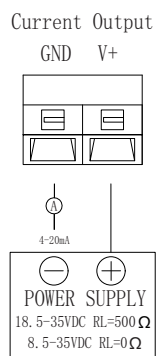


HT7000DxV0 风道款 Duct Type
HT7000WxV0 壁挂款 Wall Mount
HT7000I5Vx 浸入款 Immersion Type

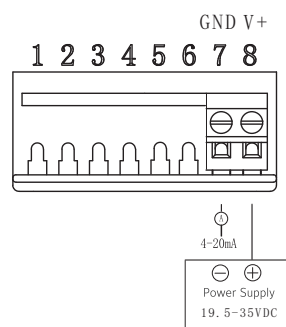


HT7000R3V0 室内款 Room Type

电流输出 Current Output



HT7000DxC0 风道款 Duct Type
HT7000WxC0 壁挂款 Wall Mount
HT7000I5Cx 浸入款 Immersion Type

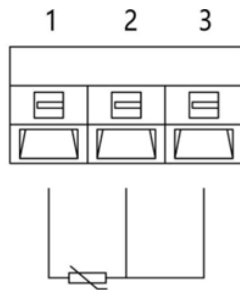


HT7000R3C0 室内款 Room Type



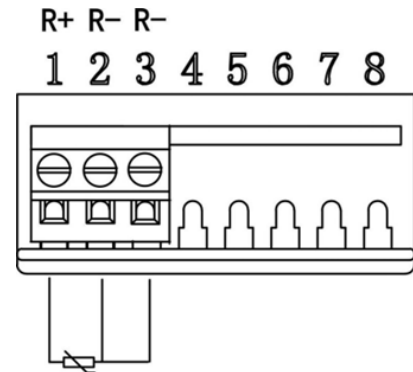
接线 / Wiring

电阻输出 Resistance Output



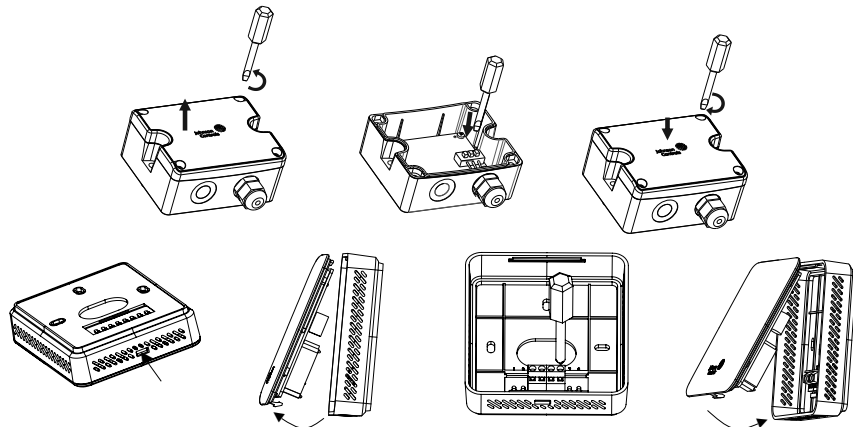
双线使用 1 号和 2 号端子
3 线使用端子 1、2 和 3
Connect terminal 1&2 for two wires; connect
terminal 1&2&3 for three wires

HT7000D5N0/ HT7000D5P0 风道款 Duct Type
HT7000W5N0/ HT7000W5P0 壁挂款 Wall Mount
HT7000I5Nx/ HT7000I5Px 浸入款 Immersion Type



双线使用 1 号和 2 号端子
3 线使用端子 1、2 和 3
Connect terminal 1&2 for two wires; connect
terminal 1&2&3 for three wires

HT7000R5N0/HT7000R5P0 室内款 Room Type



阻值表 / Resistance Value Table

Temperature Value (Celsius)	NTC10K Resistance Value (Ohm)	PT1000 Resistance Value (Ohm)
-40	336321.1	842.7
-30	176165.5	882.2
-20	96507.1	921.6
-10	55027.8	960.9
0	32524.2	1000.0
10	19856.6	1039.0
20	12481.1	1077.9
30	8061.5	1116.7
40	5334.3	1155.4
50	3609.7	1194.0

Temperature Value (Celsius)	NTC10K Resistance Value (Ohm)	PT1000 Resistance Value (Ohm)
60	2493.5	1232.4
70	1755.7	1270.8
80	1258.2	1309.0
90	916.6	1347.1
100	678.0	1385.1
110	508.8	1422.9
120	387.0	1460.7
130	298.1	1498.3
140	232.4	1535.8
150	183.2	1573.3



基本参数 / Specification

模拟量输出 Modulating Output

温度测量范围 Temperature measurement range	HT7000D1/W1: -40~60℃ HT7000D2: -20~80℃ HT7000D3/W3: 0~50℃ HT7000W4: -10~50℃ HT7000I5: -40~150℃ HT7000R3: 0~50℃
温度精度 Temperature accuracy	±0.3℃ @25℃
电源 Power Supply	Voltage output: 15~35Vdc/24Vac ±20%; Current output: 18.5~35VDC (RL=500Ω), 8.5~35VDC (RL=0Ω)
输出负载 Output load	≤500Ω (Current output), ≥3kΩ (Voltage output)
工作环境 Working Environment	-40~70℃ & 0~95%RH (No condensation) (风道款 Duct Type, 壁挂款 Wall Mount, 浸入款 Immersion Type) 0~50℃ & 5~95%RH (No condensation) (室内款 Room Type)

电阻输出 Resistance Output

温度测量范围 Temperature Measurement range	HT7000D5&HT7000W5&HT7000I5: -40~150℃ HT7000R5: 0~50℃
温度精度 Temperature Accuracy	NTC10K, ±0.3℃ @25℃ PT1000, ±0.2℃ @0℃
温度输出 Output	NTC10K Type 2 PT1000
工作环境 Working environment	-40~70℃ & 0~95%RH (No condensation)



有害物质声明表 Component and content of harmful substances

部件名称 Component	有害物质 harmful substances					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
外壳 Cover	O	O	O	O	O	O
探头 Probe	O	O	O	O	O	O
PCBA	O	O	O	O	O	O
电气插座 Terminal	×	O	O	O	O	O

本表格依据 SJ/T11364 的规定编制 This form is prepared in accordance with SJ/T11364

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/T26572 规定的限量要求以下

O: Indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirement specified in GB/T26572

×: 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/T26572 规定的限量要求

×: Indicates that the hazardous substance contained in at least one of the homogeneous materials of the component exceeds the limit requirements specified in GB/T26572

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 this table, do not contain restricted substances above the threshold level.