

Honeywell

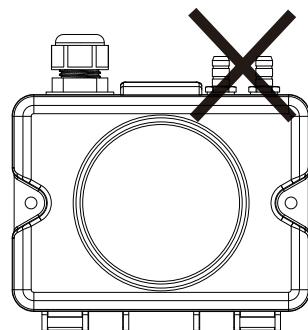
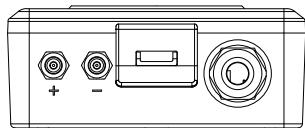
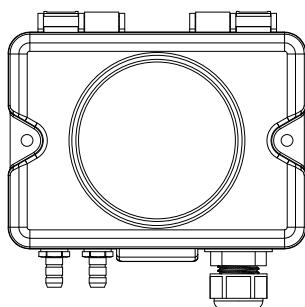
空气压差变送器

Air Differential Pressure Transmitter

产品说明书 / Product Instructions

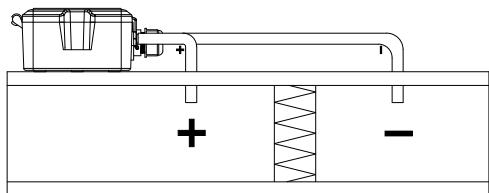


安装位置 / Installation Locations

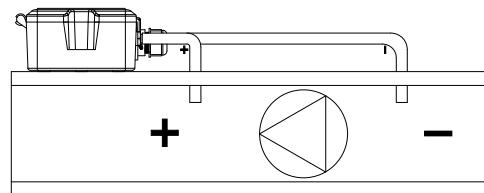


应用 / Application

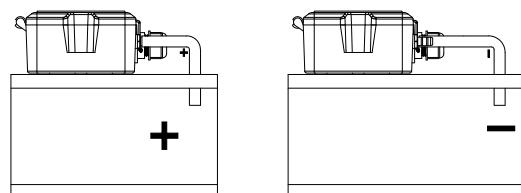
滤网 / Filter



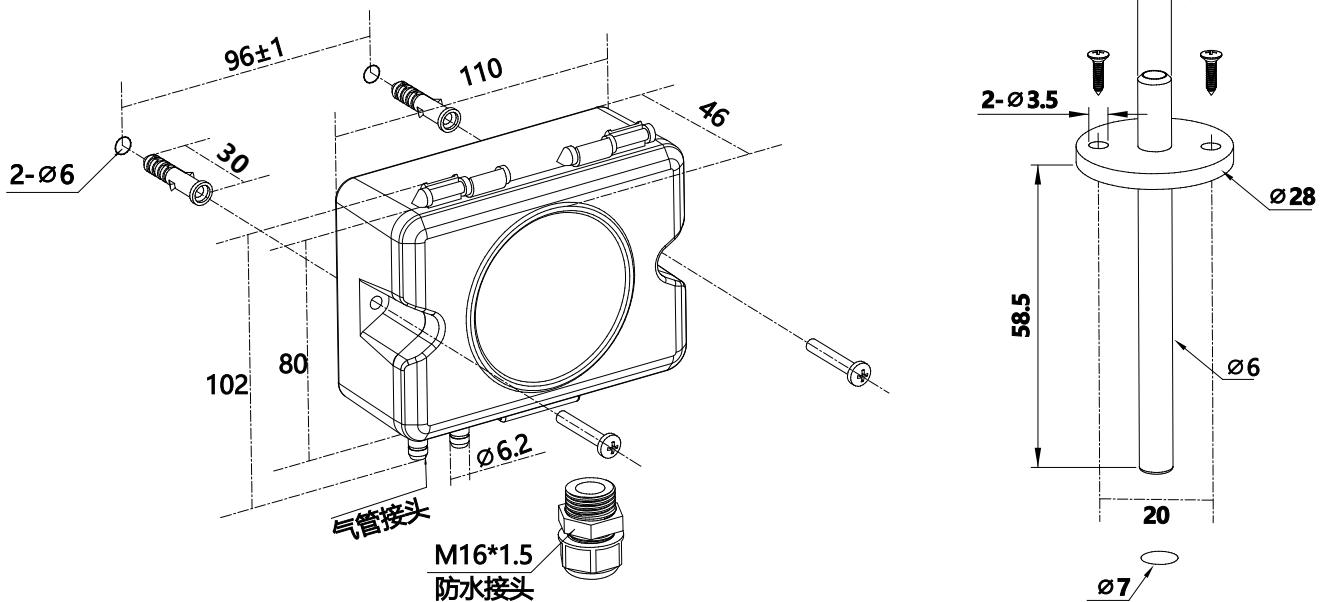
风机 / Fan



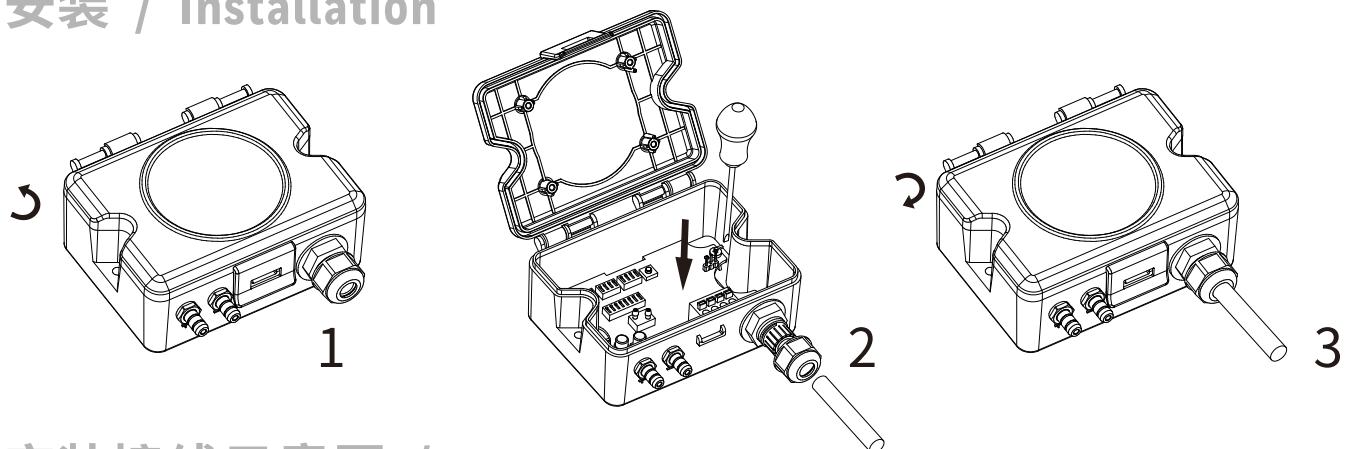
静压 / Static Pressure



安装尺寸图 / Installation Dimension (mm)



安装 / Installation

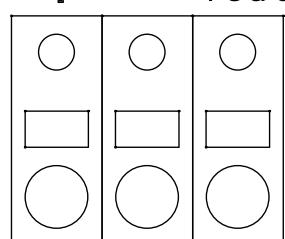


安装接线示意图 / Wiring Diagram

HSDP2-A500V1
HSDP2-A500V2
HSDP2-A1000V1
HSDP2-A1000V2

HSDP2-A500A1
HSDP2-A500A2
HSDP2-A1000A1
HSDP2-A1000A2

+ - Vout

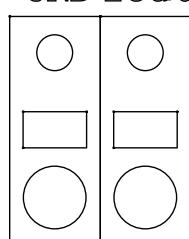


16~30VDC

V

2

GND Iout

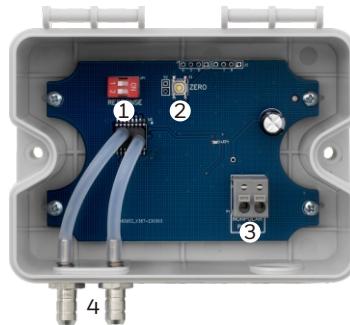


无极性 (non-polarity)
10~30VDC

内部功能介绍 / Internal function introduction



- ①响应时间 (Response Time)
- ②手动清零按钮 (Manual Button for Zero)
- ③接线端子 (Terminal)
- ④气管接口 (Air Tube connector)



拨码开关 / DIP Switch

手动清零 Manual Reset

打开面板短按手动清零按钮可进行清零。(请保持正负进气口无差压的状态下手动清零)。

Open the panel and short press the manual reset button to reset.(Please manually reset it when there is no differential pressure between the positive and negative air inlets.)

响应时间设置 Response time setting

时间 Time	0.5s Default	1s	2s	4s
拨码位置 DIP Switch	1  2 	1  2 	1  2 	1  2 

常见问题及解决方法 / Problems and Solutions

1. 加压后输出值无变化或变化不准。

No output change or inaccuracy when measurement range change.

a) 检查接线连接是否正常。

Check the wiring as correct setting.

b) 加载压力是否超过爆破压力直接冲坏压力芯体。

Check if high pressure broken the inner sensor.

c) 使用介质是否存在腐蚀性或者与所购产品使用介质存在出入(现有差压变送器均为无腐蚀性气体)。

Check the measurement medium to ensure if compatible with requirement, should noncorrosive gas.

d) 检查进气软管有无异物阻塞(颗粒物或者水柱)或泄露。

Check whether the air tube is blocked by foreign matter(particulate matter or water column) or leaking.

e) 使用环境温度是否超出补偿温度范围(压差变送器温度补偿范围-10~60°C)。

Whether the ambient temperature exceeds the compensation temperature range(compensation temperature range is -10~60°C).

f) 有无加压情况下进行清零误操作,如有则在确定无输入压力状态下再次清零。

Zero calibration should be operated under no pressure impact, if any impact, please try again when removed.

2. 零点压力值有轻微漂移。

Slight drift of zero pressure.

a) 待漂移稳定后进行清零操作。

Push button to manual zero calibration after the drift is stabilized.

有害物质名称及含量 / Hazardous Substance Table

部件 Parts	有害物质 / Hazardous Substances					
	铅 Lead (Pb)	汞 Mercury (Hg)	镉 Cadmium (Cd)	六价铬 Chromium VI Compounds (Cr6(VI))	多溴联苯 Polybrominated Biphenyls (PBB)	多溴二苯醚 Polybrominated Diphenyl Ethers (PBDE)
防水接头/Waterproof Connector	O	O	O	O	O	O
密封条/Sealing Strip	O	O	O	O	O	O
螺钉/Screw	O	O	O	O	O	O
上盖/Top Cover	O	O	O	O	O	O
下盖/Bottom Cover	O	O	O	O	O	O
PCBA	O	O	O	O	O	O
电气插座/Terminal Block	X	O	O	O	O	O

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.

安全说明 Security Instructions

本节列出了用户使用霍尼韦尔空气压差变送器时，必须遵循的一些安全指导和提示。

- 确保设备的物理安全。只有授权人员才能访问设备和总线。
- 确保设备安装、运行、维护管理的安全性。
- 请确保设备处于隔离的内部网络中。
- 请勿打开设备或损坏设备外观，导致设备内部暴露。

注意：上述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 Honeywell air differential pressure transmitter.

- Ensure the physical security of the device. Only authorized personnel can access the device and bus.
- Ensure the security of equipment installation, operation and maintenance management.
- Ensure that the device is on an isolated internal network.
- 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.

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