

Honeywell

HSDP-W系列

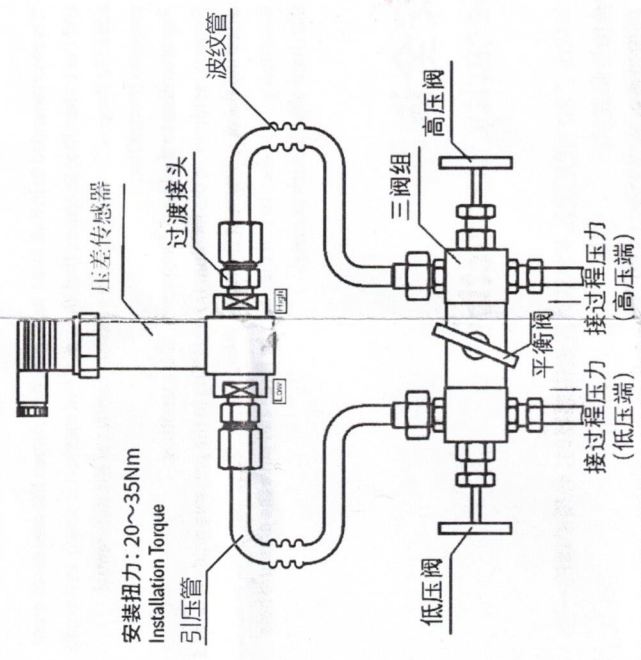
液体压差传感器

HSDP-W Series Liquid

Differential Pressure

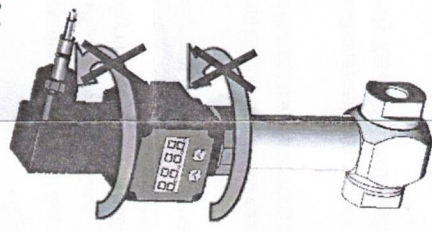
Transmitter

安装 Installation

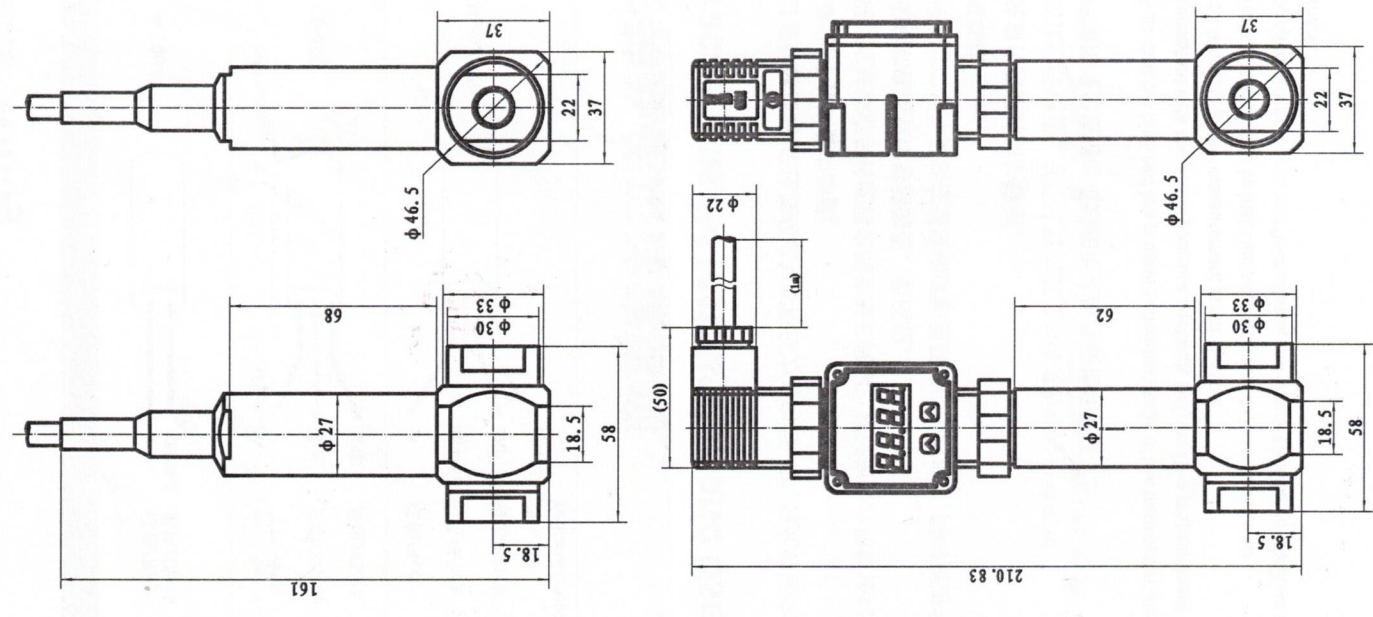


注:本产品仅包含压差传感器,上图其他产品推荐搭配安装。
Note: This product only includes the differential pressure transmitter. It is recommended to install it with other products in the figure above.

禁止旋转顶部接头。
Do not rotate the top joint.



外形尺寸 Dimensions



产品说明书

Product manual

接线 Wiring

信号输出或者协议/ Output		接线图/Wiring	
4~20mA		V+	红色/Red
		0V/Out	黑色/Black
0~10V		V+	红色/Red
		Out	白色/White
Modbus RTU		V+	红色/Red
		RS485B	白色/White
		GND	黑色/Black
		RS485A	黄绿色/ Yellow&Green

安装及使用注意事项

Precautions for Installation and Use

- 注意传感器高、低压腔标志与实际压力方向相一致，只允许正向测量，不允许负向测量。
- 建议在被测点与传感器之间安装三阀组，保证被测介质缓慢均匀地加在压差传感器的正、负压腔。
- 传感器应尽量安装在温度梯度和温度波动小的地方，同时要避免振动和冲击。
- 注意传感器的防护等级。
- 防止介质中渣子在导压管内沉淀对传感器膜片造成影响。
- 严禁用强力拉扯电缆线和用金属等硬物桶引压孔。
- Note that the high and low pressure chamber marks of the transmitter are consistent with the actual pressure direction. Only positive measurement is allowed, negative measurement is not allowed.
- Transmitters should be installed as far as possible in areas with low temperature gradients and fluctuations, and should be avoided vibration and shock.

- It is recommended to install three valve groups between the measured point and the transmitter to ensure that the measured medium is slowly and evenly added to the positive and negative pressure cavities of the differential pressure transmitter.
- Pay attention to the level of protection of transmitters.
- Prevent residuum in the medium from settling in the pressure guide tube and affecting the diaphragm of the transmitter.
- It is strictly prohibited to pull the cable by force and poke the pressure hole with hard objects such as metal.

安全说明

Security Instructions

本节列出了用户使用霍尼韦尔液体压差传感器时，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 liquid 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.

有害物质

Hazardous Substances

部件名称 Component Name	有害物质 Hazardous Substances					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
壳体 Shell	○	○	○	○	○	○
电路板 PWBA	×	○	○	○	○	○
敏感原件 Sensitive Element	×	○	○	○	○	○
电缆线 Wiring Line	○	○	○	○	○	○
五色线 Five-color Line	○	○	○	○	○	○
护线套 Bushing	○	○	○	○	○	○
硅胶 Silica Gel	○	○	○	○	○	○
O 型圈 O-Ring	○	○	○	○	○	○
铜垫片 Copper Backing	○	○	○	○	○	○
标签纸 Label	○	○	○	○	○	○

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.

○：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

×：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

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

Copyright © 2021 Honeywell International Inc.

说明书如有变动，恕不另行通知。
Subject to change without notice.