

HSP-W series

Pressure Transmitter

Honeywell HSP-W series pressure transmitter are applied to Central AC water system and other liquid or gas pressure measuring that temperature, pressure and joint material properties match.



The standard threaded connection at the bottom of sensor can be mounted directly on the pipe, and the high precision sensing element can contact with the medium directly for pressure measuring.

Features

- High precision and performance sensing element.
- Compact design.
- Contact medium parts are made of SS316.
- Better thermal performance.
- 1 meter extension wire for convenient wiring and ensure the overall sealing grade

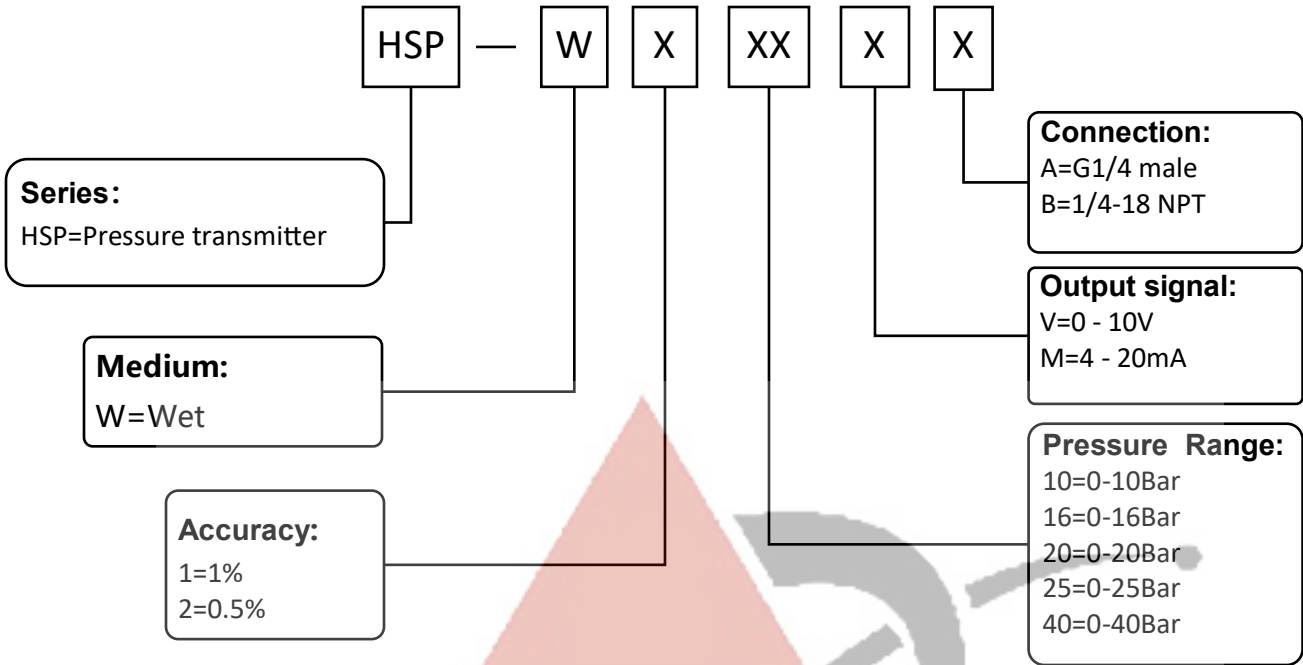
Basic parameter

| | |
|---------------------|--|
| Accuracy (25°C+5°C) | ±0.5 %FS & ±1%FS |
| Zero Tolerance | ±0.75%FS, |
| Span Tolerance | ±0.75%FS, |
| Stability | < 0.5%FS / Year |
| Medium Temp. | -40~125°C |
| Compensated Temp. | -10~70°C |
| Working Environment | -20~125°C |
| Storage Environment | -40~100°C |
| IP rated | IP65 |
| Response time | < 2ms |
| Proof Pressure | 1.5*FS |
| Burst Pressure | 3*FS |
| Output signal | 0-10V, 4-20mA |
| Power | 14-30VDC (0-10VDC output); 8-30VDC (4-20mA output) |
| Wiring | DIN43650A 1m extension wire |
| Material | Housing: SS304 Head: (UL94-V0) Seal: EPDM (1%) FKM(0.5%) |

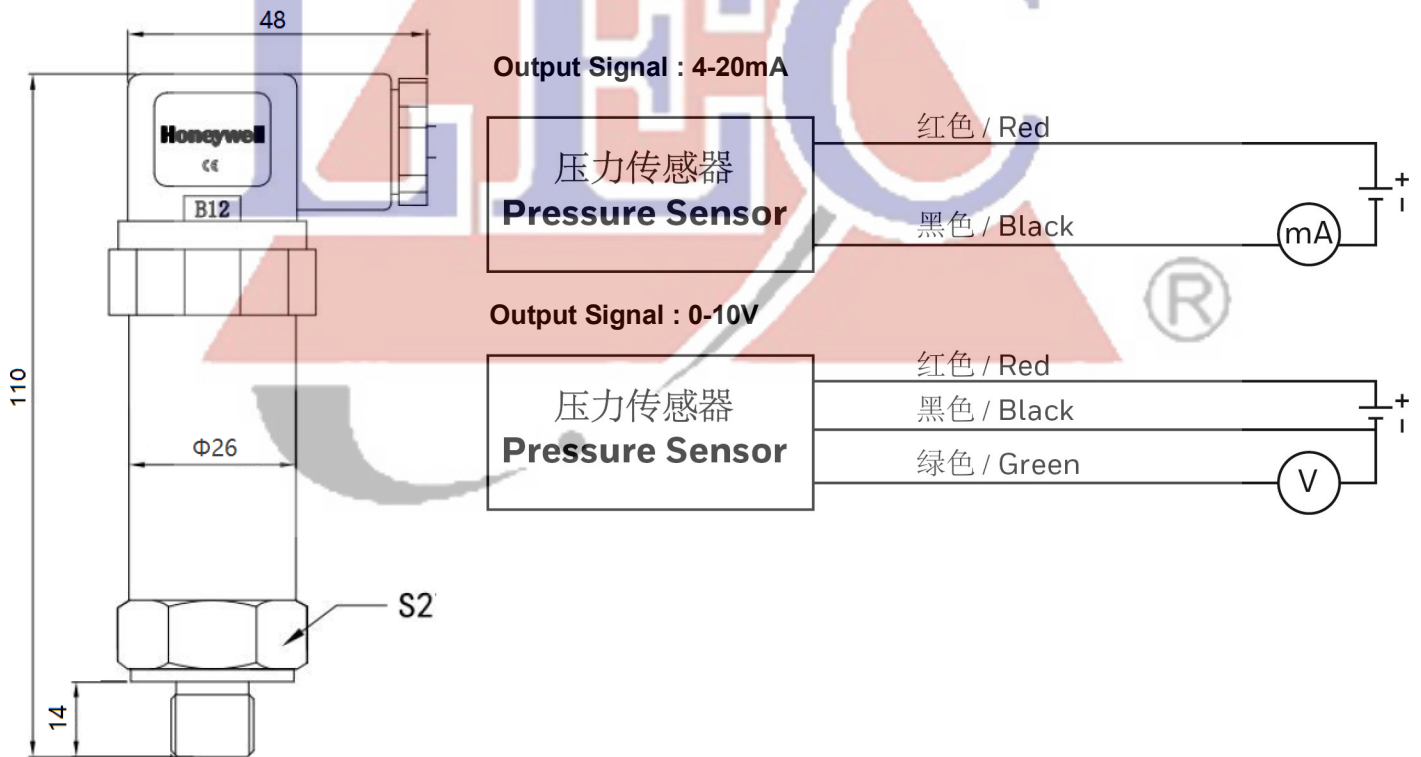
Order information and Parameters

| SKU | Accuracy | Range | Output Signal | Connection |
|------------|----------|---------|---------------|------------|
| HSP-W110MA | 1% | 0~10Bar | 4~20mA | G1/4 male |
| HSP-W116MA | 1% | 0~16Bar | 4~20mA | G1/4 male |
| HSP-W120MA | 1% | 0~20Bar | 4~20mA | G1/4 male |
| HSP-W125MA | 1% | 0~25Bar | 4~20mA | G1/4 male |
| HSP-W140MA | 1% | 0~40Bar | 4~20mA | G1/4 male |
| HSP-W110MB | 1% | 0~10Bar | 4~20mA | 1/4-18 NPT |
| HSP-W116MB | 1% | 0~16Bar | 4~20mA | 1/4-18 NPT |
| HSP-W120MB | 1% | 0~20Bar | 4~20mA | 1/4-18 NPT |
| HSP-W125MB | 1% | 0~25Bar | 4~20mA | 1/4-18 NPT |
| HSP-W140MB | 1% | 0~40Bar | 4~20mA | 1/4-18 NPT |
| HSP-W110VA | 1% | 0~10Bar | 0~10V | G1/4 male |
| HSP-W116VA | 1% | 0~16Bar | 0~10V | G1/4 male |
| HSP-W120VA | 1% | 0~20Bar | 0~10V | G1/4 male |
| HSP-W125VA | 1% | 0~25Bar | 0~10V | G1/4 male |
| HSP-W140VA | 1% | 0~40Bar | 0~10V | G1/4 male |
| HSP-W110VB | 1% | 0~10Bar | 0~10V | 1/4-18 NPT |
| HSP-W116VB | 1% | 0~16Bar | 0~10V | 1/4-18 NPT |
| HSP-W120VB | 1% | 0~20Bar | 0~10V | 1/4-18 NPT |
| HSP-W125VB | 1% | 0~25Bar | 0~10V | 1/4-18 NPT |
| HSP-W140VB | 1% | 0~40Bar | 0~10V | 1/4-18 NPT |
| HSP-W210MA | 0.5% | 0~10Bar | 4~20mA | G1/4 male |
| HSP-W216MA | 0.5% | 0~16Bar | 4~20mA | G1/4 male |
| HSP-W220MA | 0.5% | 0~20Bar | 4~20mA | G1/4 male |
| HSP-W225MA | 0.5% | 0~25Bar | 4~20mA | G1/4 male |
| HSP-W240MA | 0.5% | 0~40Bar | 4~20mA | G1/4 male |
| HSP-W210MB | 0.5% | 0~10Bar | 4~20mA | 1/4-18 NPT |
| HSP-W216MB | 0.5% | 0~16Bar | 4~20mA | 1/4-18 NPT |
| HSP-W220MB | 0.5% | 0~20Bar | 4~20mA | 1/4-18 NPT |
| HSP-W225MB | 0.5% | 0~25Bar | 4~20mA | 1/4-18 NPT |
| HSP-W240MB | 0.5% | 0~40Bar | 4~20mA | 1/4-18 NPT |
| HSP-W210VA | 0.5% | 0~10Bar | 0~10V | G1/4 male |
| HSP-W216VA | 0.5% | 0~16Bar | 0~10V | G1/4 male |
| HSP-W220VA | 0.5% | 0~20Bar | 0~10V | G1/4 male |
| HSP-W225VA | 0.5% | 0~25Bar | 0~10V | G1/4 male |
| HSP-W240VA | 0.5% | 0~40Bar | 0~10V | G1/4 male |
| HSP-W210VB | 0.5% | 0~10Bar | 0~10V | 1/4-18 NPT |
| HSP-W216VB | 0.5% | 0~16Bar | 0~10V | 1/4-18 NPT |
| HSP-W220VB | 0.5% | 0~20Bar | 0~10V | 1/4-18 NPT |
| HSP-W225VB | 0.5% | 0~25Bar | 0~10V | 1/4-18 NPT |
| HSP-W240VB | 0.5% | 0~40Bar | 0~10V | 1/4-18 NPT |

Definition



Dimension and Wiring diagram



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