

HSP-W series pressure sensor

Honeywell HSP-W series pressure sensors are mainly used in central air-conditioning water systems,

And other temperature, pressure and joint material properties matching liquid or gas pressure

force measurement. The standard threaded structure at the lower end of the sensor can be directly installed in the pipeline

Above, high-precision sensing components are directly in contact with the medium for pressure measurement.



Product Features

- High-precision and high-quality sensing components
- Compact design
- Parts in contact with liquid are SS316 stainless steel.
- Good thermal performance
- 1 meter extension cable, easy wiring, to ensure the overall sealing level

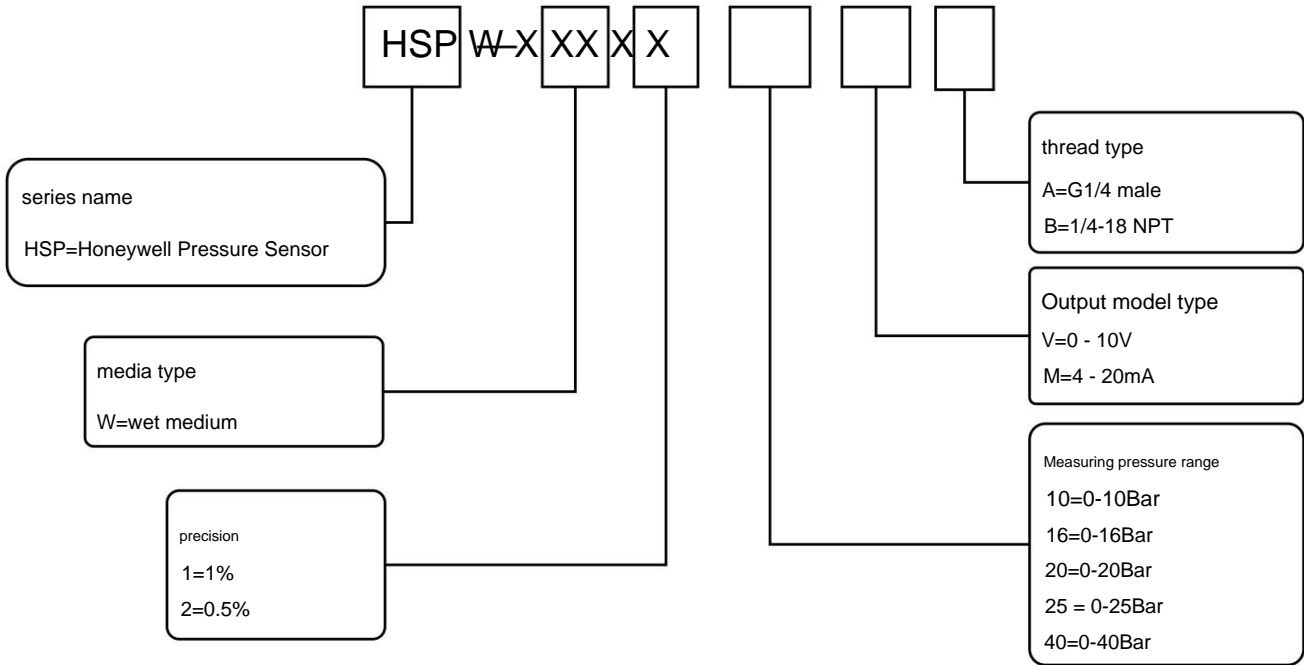
Basic parameters

Accuracy (25 \ddot{y} +5 \ddot{y}) ± 0.5 %FS and ± 1 %FS	
Zero error ± 0.75 %FS,	
Full scale error ± 0.75 %FS,	
Medium temperature -40~125 \ddot{y}	
Compensation temperature -10~70 \ddot{y}	
Working environment -20~125 \ddot{y}	
Storage environment -40~100 \ddot{y}	
IP rating	IP65
Response time \ddot{y} 10ms	
Overload pressure 1.5 times rated pressure range	
Burst pressure 3 times rated pressure range	
Output signal 0-10V, 4-20mA	
power supply	14-30VDC (0-10VDC output); 8-30VDC (4-20mA output)
wiring	DIN43650A 1m extension cable
Material	Shell metal part: SS304 Non-metallic part: plastic (flame retardant grade UL94-V0) Sealing: EPDM

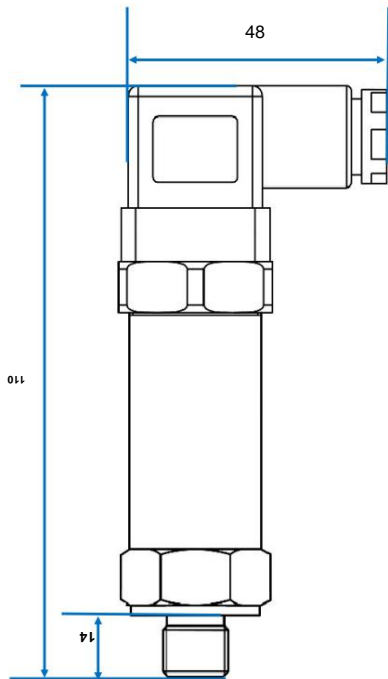
Order model and technical parameters

model	precision	Range	output signal	pipe interface
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

Model definition



Dimensions and Wiring Diagram



4-20mA output



0-10V output

