

Digital pH Sensor Series



Review

BH1701D digital pH sensor is suitable for general industrial processes, with double salt bridge design, double-layer water seepage interface, and resistance to medium reverse seepage. The ceramic pore parameter electrode oozes out of the interface, which is not easy to be blocked, and is suitable for the monitoring of common water quality environmental media. Adopt PTFE large ring diaphragm to ensure the durability of the electrode; Application industry: supporting agricultural water and fertilizer machine.



Features



round bulbs, large
sensitive area fast
response, stable signal



PP material,
Work well at
0~60°C.



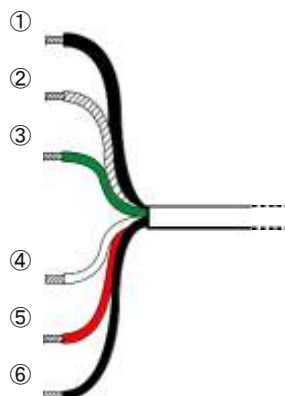
The lead is made of pure copper, which can
directly
realize remote transmission, which is more
accurate and
stable than the lead signal of copper-zinc
alloy.

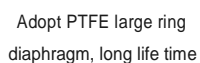
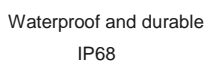
Wiring

① Black V-, ② Transparent line V+, Power supply

③ Green I +, ④ White I -, Current

⑤ Red A, ⑥ Black B, Communication

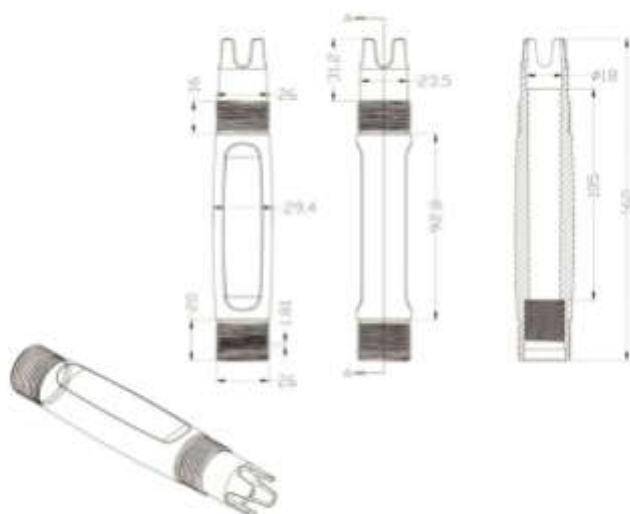




(Common electrode installation)



Parameter	Configuration
pH Range	0-14pH
pH Zero	7.00±0.25
Temp Range	0-60℃
Output Signal	RS485&4-20mA
Pressure Range	0—0.3MPa
Temperature Sensor	NTC10K
Housing Materials	PA+GF
Membrane Resistance	<500MΩ
Reference System	Ag/AgCl/KCl
Liquid Junction	Ceramic Cores
Electrolyte Solution	KCl
Double Salt Bridge	Yes
Threaded connection	NPT3/4"
Cable Length	10m or Customize
Wire Connection	Pin, BNC or Customize



(Overall dimension drawing)