

## FEATURES

- High performance sensitive film
- Automatic temperature compensation
- PVC and POM housing
- Simple operation and high reliability
- No external module, a whole design
- NH<sub>4</sub><sup>+</sup> and temperature measurement at the same time
- Immersion in water or pipe installation



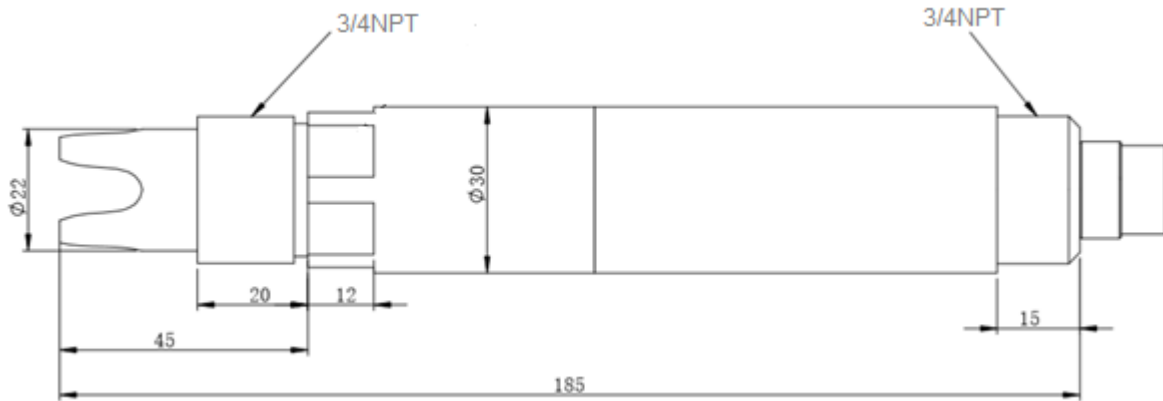
## APPLICATIONS

- Environmental protection
- Water quality monitoring
- Clean in place(CIP)
- Sewage treatment
- Industrial wastewater treatment

## TECHNICAL SPECIFICATION

Item	Technical Specification	
	NH <sub>4</sub> <sup>+</sup> (concentration)(4-10PH)	Temperature
Range	0-100mg/L,0-1000mg/L	0-40℃
Accuracy	±10%FS	±0.3℃
Resolution	0.1mg/L	0.1℃
Supply	12-24VDC	
Temperature compensation	Automatic temperature compensation(PT1000)	
Output	RS485	
Pressure resistance	<0.1MPa	
Power consumption	<0.4W	
Operating temperature	0-+40℃	
Probe material	PVC+POM	
Ingress protection	IP68	
Cable length	5m default,other length optional	
Storage	10-60℃@20%-90%RH	

**DIMENSION**



Note: The sensor outlet is M16-5 core waterproof male connector



Complies with applicable CE directives.  
Specifications subject to change without notice. Version 1.0  
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