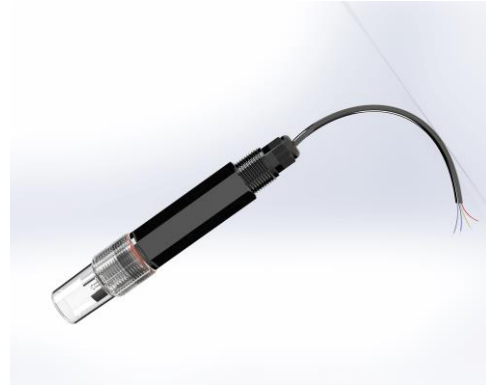


RK500-16 Nitrate ion (NO<sub>3</sub><sup>-</sup>) sensor can be used to determine the mass of nitrate ions (NO<sub>3</sub><sup>-</sup>) in water. Animals that rot in water or waste from the factory can cause an increase in nitrate ions in the water. RK500-16 Nitrate ion (NO<sub>3</sub><sup>-</sup>) sensor is widely used in industry, environmental protection, education, Internet of Things and other industries or flow cell installation.

## FEATURES

- High performance sensitive film
- Immersion in water or pipe installation
- ABS housing
- Simple operation and high reliability
- No external module, a whole design
- 4-20mA &RS485 output at the same time



## APPLICATIONS

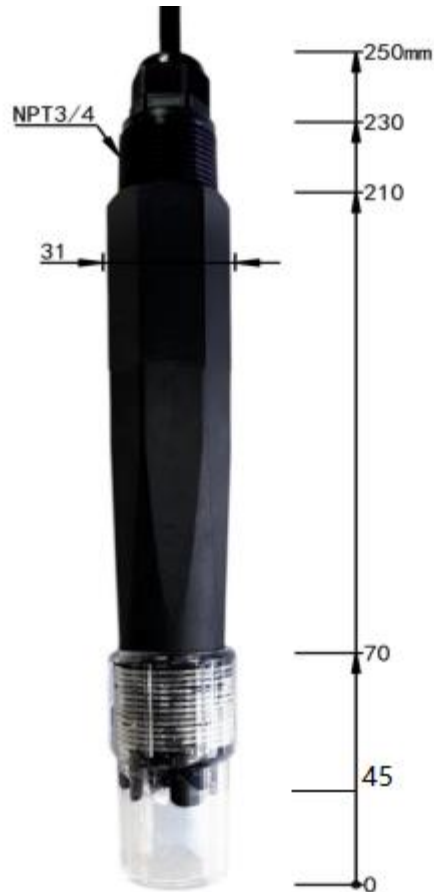
- Environmental protection
- Water quality monitoring
- Industrial wastewater treatment
- Sewage treatment


## TECHNICAL SPECIFICATION

Item	Technical Specification
Range	0.5-62000ppm
Accuracy	±10%FS
Resolution	0.01ppm
Supply	7-28VDC
Response time	30s
Output	4-20mA & RS485(MODBUS-RTU)
Pressure resistance	<0.5MPa
Power consumption	<0.5W
Operating temperature	0-50°C
Probe material	ABS
Ingress protection	IP68
Cable length	5m default, other length optional
Storage	10-60°C@20%-90%RH

## DIMENSION

Unit:mm




 Complies with applicable CE directives.

Specifications subject to change without notice. Version 4.0

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### Hunan Rika Electronic Tech Co., Ltd

Add: 10th Bd, International Enterprise Center,  
No.268 Xinxing Rd, Yuhua Dist, Changsha,  
410116 Hunan, China.

 +86-731-85132979

 info@rikasensor.com

 www.rikasensor.com