

The nitrogen dioxide sensor adopts the electrochemical principle; it has a wide measuring range, high precision, and good performance, good versatility, easy to use, easy to install, long transmission distance, price moderate characteristics.

FEATURES

- Good performance
- long transmission distance
- High precision
- Good linearity
- Easy installation
- Has a wide measuring range

TECHNICAL SPECIFICATION

| Item | Technical Specification |
|-----------------------|-------------------------------------|
| Range | 0-20ppm |
| Accuracy | ±3%FS |
| Response Time | <30s |
| Supply | 12-24VDC |
| Output Signal | RS485 MODBUS(RTU),4-20mA,0-5V,0-10V |
| Power consumption | <1W |
| Operating Temperature | -30°C~+50°C |
| Storage | 10-60°C@20%-90%RH |
| Dimension | 110*86*41mm |
| Shelter material | ABS |

MOUNTING

Install the product in stable environment area, avoid direct sunlight, away from windows air-conditioning, heating and other equipment. Otherwise it will cause measurement inaccuracies.

PARAMETER SELECTION TABLE

| Remark | Series | Type | Supply | Output | Cable Length | |
|--------|--------|------|--------|--------|--------------|-----------------|
| RK | | | | | | |
| | 300 | | | | | |
| | | 14 | | | | |
| | | | A | | | 12-24V |
| | | | B | | | Other |
| | | | | A | | 4-20mA |
| | | | | B | | 0-5V |
| | | | | C | | 0-10V |
| | | | | D | | RS485 |
| | | | | X | | Other |
| | | | | | 2000 | Units:mm (typ.) |
| | | | | | 3000 | Units:mm |
| | | | | | ... | Units:mm |

Example: RK300-14AA2000 Supply: 12-24V, Output:4-20mA,Cable Length:2m.



Complies with applicable CE directives.

Specifications subject to change without notice. Version 3.0

Copyright © 2015 Hunan Rika Electronic Tech Co.,Ltd

Hunan Rika Electronic Tech Co., Ltd

Add: Building B5, Taskin, Yuhua District,
Changsha City, Hunan Province,
China



+86-731-85132979



info@rikasensor.com



www.rikasensor.com