

Nitrogen dioxide sensor

The IOT-S300NO2 nitrogen dioxide sensor uses a highly sensitive gas detection probe with stable signals and high accuracy. It has wide measuring range, good linearity, easy to use and easy to install. Widely used in petrochemical industry, industrial production, flue gas, exhaust gas environmental monitoring, biopharmaceutical, home environmental protection, school laboratory and other fields.

Features

- ✓ Wall-mounted housing for easy installation
- ✓ High-density material shell, built-in waterproof strip seal, good moisture resistance
- ✓ Stable signal and high precision
- ✓ Electrochemical detection principle, probe imported from Germany

Application range

- ◇ Petroleum, petrochemical, metallurgy, chemical industry
- ◇ Smoke and tail gas environment monitoring
- ◇ Biopharmaceutical, home environmental protection, school laboratory and other fields



technical parameter

Detection gas	Nitrogen dioxide	Detection principle	Electrochemical
measurement accuracy	$\leq \pm 3\%$ of reading (25°C)	Signal output	4~20mA, 0-5V, 0-10V, RS485
Power supply	12-30VDC external power supply	Response time	< 15s
Range	Analog: 0-20ppm 0-100ppm 0-2000ppm Rs485: 0-20ppm/0-2000ppm		
Output load	Current output load ≤ 600 ohms Voltage output load ≤ 250 ohms		
Power supply	12-24VDC	Working pressure range	0.9-1.1atm
Baud rate (RS485)	2400, 4800, 9600	Working temperature	-30-50°C (-20-40°C continuous)
Working environment humidity	0-100%RH (15-95%RH)	Protection class	IP65

Product size and electrical connection

