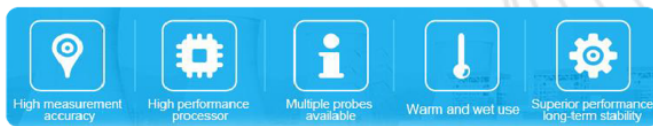


Outdoor Nitrogen Dioxide NO2
Sensor

ES101NO2 -2000



Wide Measuring Range, High Reliability

- 2000ppm - ES101-NO2-2000
- 20ppm- ES101-NO2-20

Std. Modbus RTU RS-485, Wide Power Range

- 2-Wire RS-485
- 10~30Vdc Power Input

High Grade Enclosure Protection

- IP54 Grade Protection, ABS Plastic, UL94V0 Anti-fire
- Water-Proof, Anti-Dust with Out-Door Shelter

Optional IoT Router and Cloud Platform

- Support Modbus to connect optional NB-IoT Gateway W WLAN-NB for one or many sensors
- Real-time online monitoring, analysis, reporting
- Remote cloud security and visual management

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+66 (0) 2098 6132



admin@ntpsemi.com



www.ntpsemi.com

Features & Benefits

NO2 measurement range	0-2000ppm (ES101-NO2-2000)
NO2 resolution	0.1ppm(ES101-NO2-2000)
Signal output	RS485 2-wire output (Modbus protocol)
Stability	<2% Signal / Month
Operating Voltage	10~30VDC
Power consumption	<0.18W
Working Environment	-20~+50°C, 15-90%RH
Response time	90% step change is generally less than 90s
Dimension & Installation	87 x117 x 44; Wall Mounting

Register Address	PLC or Configuration Address	Content	Description
0000 H	40001	NO2 concentration value	Range: 0~2000ppm Upload real data
07D0 H	42001	Slave ID	1 ~ 254 (Factory Default 1)
07D1 H	42002	Baud Rate	0=2400 1=4800 2=9600(Default)

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