

Outdoor Sulphur Dioxide SO₂ Sensor



ES101SO2-2000



Wide Measuring Range

- 2000ppm, +/-3% Accuracy in Full Scale 0.01 ppm Resolution, 1ppm Resolution

- sensors Water-Proof, Anti-Dust with Out-Door Shelter
- Real-time online monitoring, analysis, reporting
- Remote cloud security and visual management

Std. Modbus RTU RS-485, Wide Power Range

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

Optional IoT Router and Cloud Platform

- Support Modbus to connect optional NB-IoT Gateway WR222-WLAN-NB for one or many

Std. Modbus RTU RS-485, Wide Power Range

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

High Grade Enclosure Protection

CUSTOM THE FUTURE



+66 (0) 2098 6132



admin@ntpsemi.com



www.ntpsemi.com

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

Features & Benefits

O3 measurement range	ES101-O3-10: 0-10ppm
O3 resolution	ES101-O3-10: 0.01ppm
Accuracy	±6%
Stability	<7% Signal / Year
Operating Voltage	10~30VDC
Working Environment	-10~+50°C, 15-90%RH
Power consumption	<0.12W
Response time	≤35 seconds
Dimension & Installation	87 x117 x 44; Wall Mounting

Register Address	PLC or Configuration Address	Content	Description
0000 H	40001	SO2 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)

CUSTOM THE FUTURE



+66 (0) 2098 6132



admin@ntpsemi.com



www.ntpsemi.com