



High Temperature up
to 70°C durable



Excellent accuracy
with good linearity



Full range matrix
calibration



Integrated smart
self-diagnosis function



Long lifetime
over 10 years

Model	ECO-5011A-01	ECO-5011A-001
Sensor Technology	Electrochemical	
Measurement gas	CO	
Measurement range	0~1000ppm	0~100ppm
Accuracy	± 5ppm or ±5% of reading, take whichever is greater, @23±3°C 50±20%RH	± 5ppm@0~25ppm
		± 10ppm@26~100ppm
T ₉₀ Response Time	<60S	
Operating condition	-5°C ~ 70°C; 5~99%RH (Range Extendable)	20°C ~ 70°C; 5~99%RH (Range Extendable)
Storage temperature	-20°C ~ 70°C; 5~99%RH	
Dimensions	60 *17 *16.8 (mm)	60 *17 *16.8 (mm)
Output	UART-TTL(3.3V)	
Long term drift	<3% per year	
Lifetime	More than 10 years	
Certification	UL 2075 Certified	



Ambient air and exhausted
CO leakage detector



Audio and
visual Alarm



Mitigation function integrated
(2 SPDT Relays)



Multiple installation
mode



Embedded Self-made
high temp CO sensor

Model	AM6208-CO-W	AM6208-CO-D
Target gas	Carbon monoxide (CO)	
Working principle	Electrochemical technology	
Measurement range	0~1000ppm	
Resolution	1ppm	
Alarm error	40ppm	
Alarm concentration	25ppm to 70ppm (adjustable)	
Alarm Function	Digital Alarm Signal	Digital Alarm Signal Audio and Visual Alarm Under Cover
Output	RS485 Modbus Protocol	
Design lifespan	More than 10 years	
Operating condition	-5°C ~ 70°C; 5-99%RH	-5°C ~ 70°C; 5-99%RH
Storage condition	-20°C ~ 70°C; 5-99%RH	-20°C ~ 70°C; 5-99%RH
Supply voltage	24 VAC/DC	24 VAC/DC
Installation Mode	Wall Mounted Type	Duct Type
Dimension	87.5*87.3*24.9mm	Duct diameter 44.5mm Duct length 200mm Sensor main body 120*86*33mm