

CCOS Carbon Monoxide (CO) Monitor with Display Screen



Key Features:

- Pre-wired CO sensor with 500mm cable
- Digital display with CO reading
- High-sensitivity gas detection probe
- Stable signal, high accuracy
- Wide measurement range, good linearity
- Easy to install and use
- Long transmission distance

Product Overview:

The S&S Middle East CCOS has been specifically designed for enclosed car parks to ensure optimum air quality and provide ventilation control if there is a rise of carbon monoxide. This detector features a LCD display readout.

The CCOS features an advanced electrochemical sensor with higher precision and stability compared to traditional semiconductor types.

Technical Specifications:

Power Supply:	10-30V DC (24V for 0-10V model)
Average Power:	0.18W
Output Signals:	4-20mA, 0-5V, 0-10V
CO Resolution:	1ppm
CO Accuracy:	±5ppm or ±10%
Zero Drift:	±3ppm
Operating Temperature:	-20~50°C
Terminals:	1.00mm recommended 2.5mm max
Operating Temperature:	0 to 50°C
Operating Humidity:	15~90% RH, non-condensing
Stability:	2% of signal value/month
Response Time:	30 seconds
Warm-Up Time:	5 minutes
Repeatability:	2%
Pressure Range:	90~110 kPa
Dimensions W x H x D:	110mm x 85mm x 44mm
IP Rating	IP65

Analog Signal Specifications:

Current Output (4-20mA)

Example: Range 0-1000ppm
Output = 12mA
(12mA-4mA) = 8mA
1000ppm / 16mA = 62.5ppm/mA
8mA * 62.5 = 500ppm - Current CO concentration

Voltage Output (0-10V)

Example: Output = 5V
1000ppm / 10V = 100ppm/V
5V * 100 = 500ppm - Current CO concentration

Operating Ranges Available:

- 0-500ppm
- 0-1000ppm