

# EnviroSense CO

Multipurpose Environmental  
Sensing Node



ES Systems has developed the EnviroSense CO, an advanced environmental sensing board system meticulously engineered for diverse applications and industries. This system integrates a suite of sensors, including pressure, humidity, temperature, and CO sensors, providing comprehensive environmental monitoring capabilities.

The EnviroSense CO offers exceptional versatility to meet each end user's unique specifications. The system offers an analog output, guaranteeing superior connectivity and effortless integration into any network infrastructure.

Moreover, the EnviroSense CO is housed in a specifically designed enclosure, engineered to deliver maximum performance and durability. This enclosure not only protects the sensors from harsh environmental conditions but also enhances the overall efficiency and accuracy of the system, making it an ideal solution for demanding monitoring requirements.



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## Specifications

### EnviroSense CO

<b>Supply Voltage</b>	12-24V
<b>Output</b>	Analog (4-20mA)
<b>Pressure</b>	
<b>Range</b>	0-4 barg
<b>Total Error</b>	±1% FS
<b>Compensating Temperature</b>	0°C...+60°C
<b>Humidity</b>	
<b>Range</b>	0-100% RH
<b>Accuracy</b>	±2% RH
<b>Temperature</b>	
<b>Range</b>	-40°C... +125°C
<b>Accuracy</b>	+0.2°C
<b>CO</b>	
<b>Range</b>	0-1000ppm
<b>Resolution</b>	0.5ppm
<b>Accuracy</b>	± 1%



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