

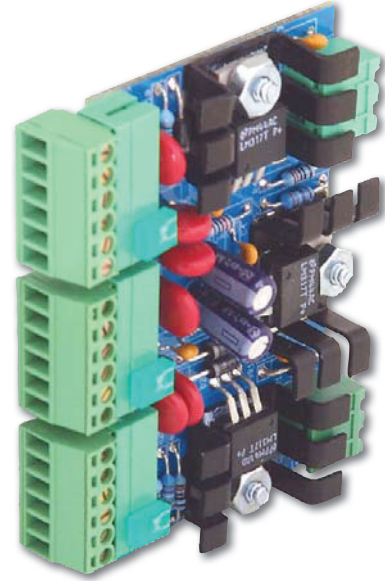


## Overview

Many facilities use Carbon Dioxide (CO<sub>2</sub>) sensors for demand-controlled ventilation. Although BAPI makes CO<sub>2</sub> sensors that can run on AC or DC power, other CO<sub>2</sub> sensors typically require 24 VDC to operate and additional terminations to land the wiring. The extra power supplies, wiring and terminations can clutter up the control panel or the control room.

The BAPI CDSP module removes the clutter and the wiring hassles by providing the power and terminations for up to three CO<sub>2</sub> sensors. Additional CDSP modules can be mounted neatly in the associated backplane to accommodate an unlimited number of CO<sub>2</sub> sensors throughout the facility.

The CDSP module plugs into a BP4 or BP8 backplane. Three green LEDs indicate when power is present to the CO<sub>2</sub> sensors. Another green LED indicates when power is present to the CDSP module. The CDSP can be used to power virtually any four-wire sensor requiring 24 VDC.



**CDSP - Carbon Dioxide Sensor Power Supply**

<u>Part Number</u>	<u>Description</u>
BA/CDSP .....	Carbon Dioxide Sensor Power Supply

*See end of Section G for list pricing.*

## Associated Products

PS17 or PS17CB  
Power Supply  
(p. G19)

TRK18  
Snaptrack  
(p. G18)

BP8 or BP4  
Interface Backplane  
(p. G16)

## Specifications

CDSP plugged into a  
BP4 Backplane

**Input Voltage:** 26 to 36 VDC  
**Input Current:** 350 mA max. (12 VA max.)  
**Output Voltage:** 24 VDC  
**Output Current:** 75 mA on each output (225 mA total)