

## CO2D, CO2D-VAL, CO2O Product Enhancement Announcement

As of **April 1st, 2020**, the Senva CO2D, CO2D-VAL, and CO2O product lines will be phased out and replaced with the new CT1 product line. The new CT1 product line offers  $\pm 30$ ppm CO2 sensing accuracy as well as a reduced price. It also offers several usability improvements including a more user-friendly user interface on LCD versions, dip switches in place of jumpers, and new and improved buttons. Additionally, the product line now offers an optional temperature transmitter in place of a thermistor and an optional LCD. Use the following cross reference to choose the appropriate CT1 product for your application.

### CO2D to CT1D Cross-Reference

| Obsolete Duct | New Duct | Description        | Options Included      |
|---------------|----------|--------------------|-----------------------|
| CO2D-A        | CT1D-A3D | CO2 Duct Enclosure | LCD, no Temp          |
| N/A           | CT1D-B3D | CO2 Duct Enclosure | LCD, Temp Transmitter |
| CO2D-C        | CT1D-C3D | CO2 Duct Enclosure | LCD, 100PT Temp       |
| CO2D-D        | CT1D-D3D | CO2 Duct Enclosure | LCD, 1000PT Temp      |
| CO2D-E        | CT1D-E3D | CO2 Duct Enclosure | LCD, 10KT2 Temp       |
| CO2D-F        | CT1D-F3D | CO2 Duct Enclosure | LCD, 10KT3 Temp       |
| CO2D-G        | CT1D-G3D | CO2 Duct Enclosure | LCD, 10K w/11K Temp   |
| CO2D-H        | CT1D-H3D | CO2 Duct Enclosure | LCD, 3K Temp          |
| CO2D-I        | CT1D-I3D | CO2 Duct Enclosure | LCD, 2K2 Temp         |
| CO2D-J        | CT1D-J3D | CO2 Duct Enclosure | LCD, 1K8 Temp         |
| CO2D-K        | CT1D-K3D | CO2 Duct Enclosure | LCD, 20K Temp         |

### CO2D-VAL to CT1D Cross-Reference

| Obsolete Duct | New Outdoor | Description           | Options Included         |
|---------------|-------------|-----------------------|--------------------------|
| CO2D-VAL-A    | CT1D-A3X    | CO2 Outdoor Enclosure | No LCD, No Temp          |
| N/A           | CT1D-B3X    | CO2 Outdoor Enclosure | No LCD, Temp Transmitter |
| CO2D-VAL-C    | CT1D-C3X    | CO2 Outdoor Enclosure | No LCD, 100PT Temp       |
| CO2D-VAL-D    | CT1D-D3X    | CO2 Outdoor Enclosure | No LCD, 1000PT Temp      |
| CO2D-VAL-E    | CT1D-E3X    | CO2 Outdoor Enclosure | No LCD, 10KT2 Temp       |
| CO2D-VAL-F    | CT1D-F3X    | CO2 Outdoor Enclosure | No LCD, 10KT3 Temp       |
| CO2D-VAL-G    | CT1D-G3X    | CO2 Outdoor Enclosure | No LCD, 10K w/11K Temp   |
| CO2D-VAL-H    | CT1D-H3X    | CO2 Outdoor Enclosure | No LCD, 3K Temp          |
| CO2D-VAL-I    | CT1D-I3X    | CO2 Outdoor Enclosure | No LCD, 2K2 Temp         |
| CO2D-VAL-J    | CT1D-J3X    | CO2 Outdoor Enclosure | No LCD, 1K8 Temp         |
| CO2D-VAL-K    | CT1D-K3X    | CO2 Outdoor Enclosure | No LCD, 20K Temp         |

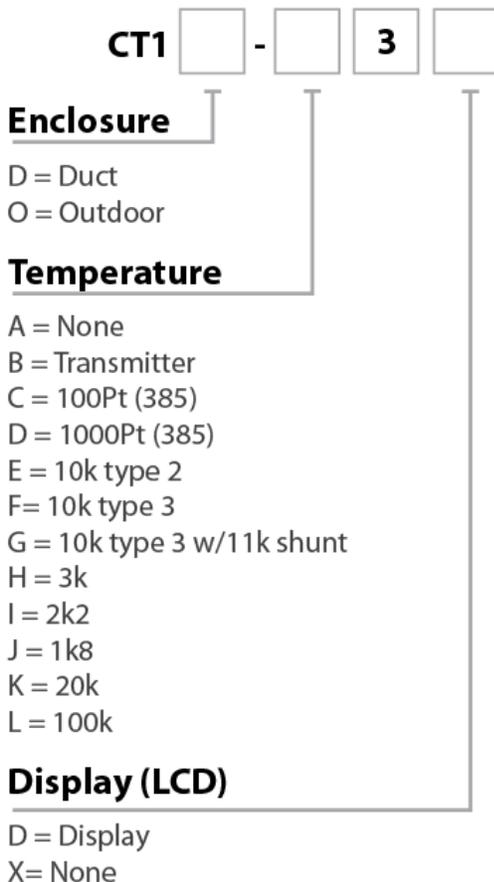
## CO2O-A to CT10 Cross-Reference

| New Duct | New Outdoor | Description           | Options Included |
|----------|-------------|-----------------------|------------------|
| CO2O-A   | CT10-A3D    | CO2 Outdoor Enclosure | LCD, No Temp     |

## New CT10 Options

| Outdoor with LCD | Outdoor Without LCD | Description           | Options Included |
|------------------|---------------------|-----------------------|------------------|
| CT10-A3D         | CT10-A3X            | CO2 Outdoor Enclosure | No Temp          |
| CT10-B3D         | CT10-B3X            | CO2 Outdoor Enclosure | Temp Transmitter |
| CT10-C3D         | CT10-C3X            | CO2 Outdoor Enclosure | 100PT Temp       |
| CT10-D3D         | CT10-D3X            | CO2 Outdoor Enclosure | 1000PT Temp      |
| CT10-E3D         | CT10-E3X            | CO2 Outdoor Enclosure | 10KT2 Temp       |
| CT10-F3D         | CT10-F3X            | CO2 Outdoor Enclosure | 10KT3 Temp       |
| CT10-G3D         | CT10-G3X            | CO2 Outdoor Enclosure | 10K w/11K Temp   |
| CT10-H3D         | CT10-H3X            | CO2 Outdoor Enclosure | 3K Temp          |
| CT10-I3D         | CT10-I3X            | CO2 Outdoor Enclosure | 2K2 Temp         |
| CT10-J3D         | CT10-J3X            | CO2 Outdoor Enclosure | 1K8 Temp         |
| CT10-K3D         | CT10-K3X            | CO2 Outdoor Enclosure | 20K Temp         |

## Ordering Information



## Key Features

### Easy to install and maintain

- Integrated display and push-button menus for field selectable scale, calibration, and operational mode
- Dual 4-20mA and 0-5V/0-10V output (jumper selectable)
- Integrated high-reliability solid-state set-point relay is ideal for direct control applications; easy to set up thanks to LCD

### High reliability reduces call backs

- Non-dispersive infrared sensing element (NDIR)
- Field replaceable CO<sub>2</sub> sensor
- 15+ year life expectancy on CO<sub>2</sub> sensing element
- Industry leading 7-year limited warranty on electronics; NDIR module 3 years

### High accuracy for improved system performance

- Selectable auto-calibration mode returns sensor to baseline values
- ±30ppm, ±3% of reading