

## AMC-1220 Series Multi Drop Gas Sensor Modules

For gas monitoring applications requiring a large number of sensors, installation costs represent a significant share of total project expenses. In an effort to lower these costs, AMC developed the AMC-1220 Series multi drop gas sensor module.

Compatible with the AMC 1AD1/D2 Series, as well as the AMC-1400 and 1800, sensors are wired in series utilizing low power, three wire cabling. Dual wiring inputs on some models, combined with multi zone capabilities, permit a nearly unlimited range of configurations, thereby minimizing both installation time and materials.

Up to eight AMC-1220s of different sensor types can be connected to a single zone with a maximum of 150ft between sensors and panel. Power supplies can be upgraded allowing more sensors per zone making the AMC-1220 Series an economical solution to your gas monitoring needs.



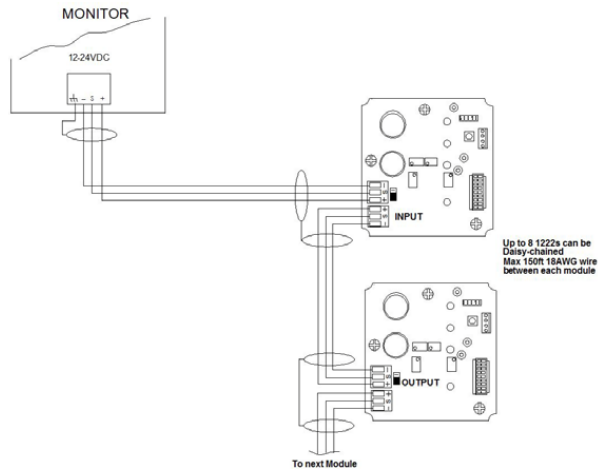
Part Number	AMC-1222	AMC-1225	AMC-1228-20s	AMC-1228-28s
<b>Detectable Gas(es)</b>	CO & NO <sub>2</sub>	Combustible Gas	CO	NO <sub>2</sub>
<b>Sensor Type</b>	Electrochemical	Solid State	Electrochemical	Electrochemical
<b>Range</b>	0-100 ppm CO/0-3 ppm NO <sub>2</sub>	0-50% LEL	0-100 PPM	0-10 PPM
<b>Sensor Warranty</b>	CO – 3 Years NO <sub>2</sub> – 1 Year	2 Years	3 Years	1 Year
<b>Standard Trip Points</b>	25/100 ppm CO 1/3 ppm NO <sub>2</sub>	20/40 % LEL	25/100 ppm	1/3 ppm
<b>Installation Wiring</b>	3 Wire 18 AWG Shielded			
<b>Dimensions</b>	11.77 cm W x 5.97 cm H x 13.83 cm L (4.64" W x 2.35" H x 5.45" L)			
<b>Operating Temperature</b>	-20°C to 40°C			
<b>Operating Humidity</b>	15-90% RH Non Condensing			
<b>Coverage Area</b>	50' Radius	25' Radius	50' Radius	50' Radius
<b>Replacement Sensor(s)</b>	AMC-91AP / AMC-98AC	AMC-F4168E	AMC-91AO	AMC-98AC

### Comfort Zone Technology

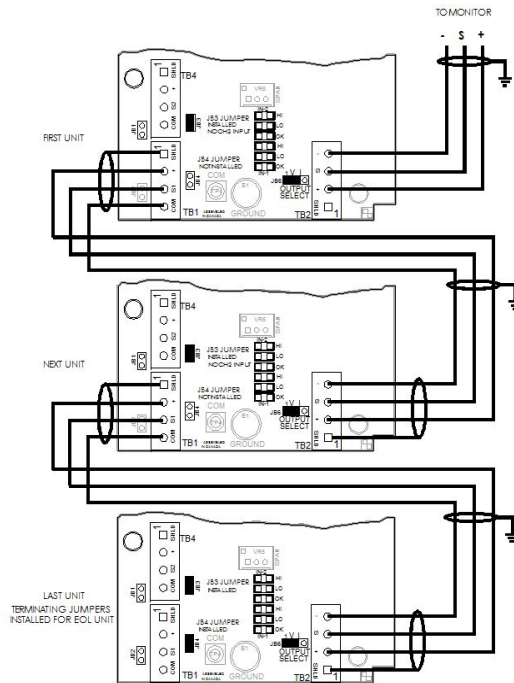
Unique to the AMC-1222, our "Comfort Zone" technology utilizes an interactive logic function with a simple user interface to allow incremental sensitivity adjustments without the need for recalibration, in order to optimize indoor air quality and occupant comfort.



## Wiring for AMC-1222 (CO & NO2)



## Wiring for AMC-1228s



**Warranty:** All Armstrong Monitoring equipment is warranted against defects in materials and workmanship for two years from date of delivery, with the exception of sensors. Please contact factory for specific sensor warranty. During the warranty period, we will repair or replace components that prove, in our opinion, to be defective. We are not liable for auxiliary interfaced equipment, nor consequential damage. All warranty returns require a return authorization number. For more information please refer to our Terms & Conditions.

**Note:** Due to ongoing product development, the manufacturer reserves the right to change specifications without prior notice. The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data.

A variety of factors, not limited to variances in temperature, humidity, pressure, vibrations, EMI/RF may impact on the performance of the equipment. Testing within harsh or unusual environments is recommended. Please contact the factory for assistance with field validation trials.

*Published sensor data was obtained using a raw sensor in controlled conditions; actual performance may vary due to site conditions.*

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