



AMC 1022 (standard) ECONOMICAL ALL-IN-ONE GAS MONITOR



Enclosure: ASA 61 gray enameled 14 gauge steel
Supply voltage: 120 VAC, 60 Hz
Relay contacts: For low and high alarms, DPDT 10A
Calibration: Factory calibrated in L.E.L.,
 PPM or % by volume
Dimensions and weights: 20.5cm H x 15.5cm W x 9cm D
 (8" x 6" x 3.5") 8 lb
Operating temperature: 0°C to 40°C (32°F to 104°F)
Storage temperature: -40°C to 65°C (-40°F to 149°F)
Monitor warranty: Two years
Indicators per channel: **Power on** - green LED
Fail indicator - amber LED
Low alarm - yellow LED, five
 minute time delay
High alarm - red LED, ten minute
 time delay

Features: Alarms disabled during warm-up, test switch
 Disable switches for audio alarm and time delays

Approvals: CSA and UL

The AMC 1022 monitor is an economical all-in-one gas detection system engineered to continuously monitor a variety of toxic or combustible gases. Featuring LEDs for power, fail, high and low alarm indication. The AMC 1022 is a complete system including built-in sensor, two 10 amp relays (DPDT), user selectable time delays, and audible alarm.

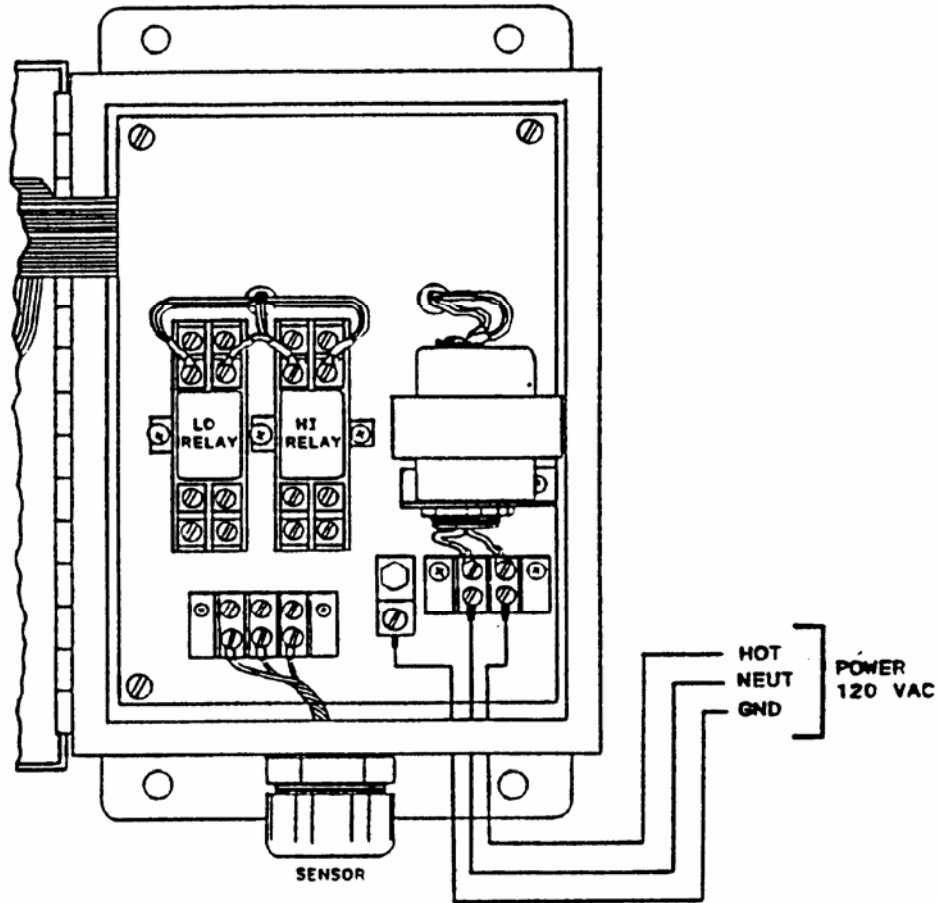
The method of operation of each detection point is such that when the level of gas surpasses the preset gas concentration settings, the circuitry will activate a remote alarm and/or an exhaust system utilizing the 10 amp heavy duty relays. Sensor reaction is instantaneous; however, alarms can be delayed dependent upon user preference.

Note: For multi sensor applications refer to AMC 1022M, AMC 1030 and AMC 1022D technical data sheets

	Combustible gas	Carbon monoxide	Refrigerant gas	Ammonia
Sensor type:	Metal oxide semiconductor			
Sensor element warranty:	Two years			
Range:	0 - 50% L.E.L	0 - 100 PPM	0 - 1000 PPM	0 - 500 PPM
Response time:	Less than ten seconds			80% in 30 seconds
Repeatability:	10% of full scale			
Accuracy:	8% of full scale			
Operating temperature:	-30°C to 50°C			0°C to 40°C
Operating humidity:	0 - 99% RH, non-condensing			
Life expectancy:	Greater than five years			
Storage:	Unlimited			



AMC 1022 WIRING DIAGRAM



For more information:

Authorized Distributor

Warranty: All Armstrong equipment is warranted against defects in materials and workmanship for two years from date of delivery, except sensors. Please contact factory for 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 items must be returned by prepaid freight.

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.

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