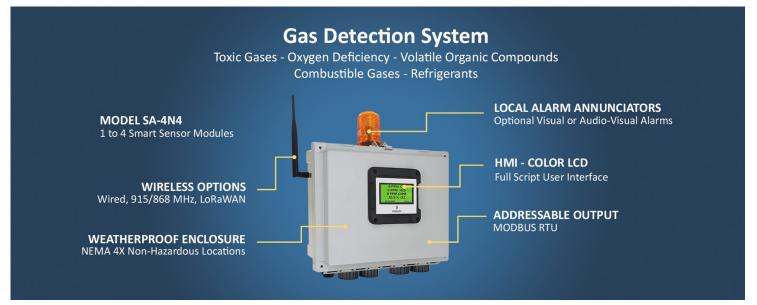


Model SA-4N4



Stand Alone Gas Detection System

Model SA-4N4 standalone gas detection systems are designed to detect and monitor a wide variety of gases in ambient air. System capacity is 1-4 Smart Sensor Modules. Detection is via diffusion. Gas type and range of sensitivity are determined by installing application specific Model SA1 smart sensor modules. User interface is via intuitive full script color LCD. System status is indicated by screen color; green normal no alarm condition, amber alert level 1, red alert level 2 and blue to indicate a fault condition. User interface is non-intrusive using a programming magnet and front panel push button switches. The system controller and the sensors are mounted in a rugged NEMA 4X weatherproof enclosure suitable for installation in non-hazardous locations.

Specifications¹

Model SA1 Smart Sensor Module	Electrical	
Model SA1 Smart Sensor Module		
	Input Voltage Range	10 to 30 VDC
Diffusion		90 to 240 AC
Color LCD	Power Consumption	2.5 - 10 watts (sensor dependent)
Magnet and front panel switches	Serial Output	RS-485 MODBUS RTU
	Alarm Relays	2 form "C", 5 amp contacts
Mounting Dimensions 8.0" W, 10.0" H, 4.00" D 203mm W, 254mm H, 101mm D	Area Classification	Non-hazardous locations
		NEMA 4X weatherproof
	Environmental	
2 Years	Humidity Range	-40°C to +60°C; -40°F to 140°F
Smart sensor dependent	Temperature Range	15% to 95% RH non-condensing
	Color LCD Magnet and front panel switches 8.0" W, 10.0" H, 4.00" D 203mm W, 254mm H, 101mm D	Color LCD Magnet and front panel switches 8.0" W, 10.0" H, 4.00" D 203mm W, 254mm H, 101mm D Environmental 2 Years Humidity Range

¹Specifications subject to change without notice

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² Visit www.safeguardanalytics.com for a full list of gas sensor options