

# SAFE T NET 210™ & 410™

## Wall Mounted, Multi-Channel Gas Monitoring Systems

The Safe T Net 210 and the Safe T Net 410 are microprocessor-based controllers designed to accept one to two (STN210) or one to four (STN410) combustible, oxygen, and/or toxic gas detector heads. Standard features include: digital readout display, LED alarm indication, 4 to 20 mA output, individual low and high alarms, and a common-fault alarm relay.



### Features

- All functions, are fully programmable through dip & push button switches
- Generic programming design allows configuration to any standard 4 to 20 mA detector head
- Common-fault alarm relay
- Digital display (3 digits)
- One-person calibration
- Housed in NEMA 4X fiberglass enclosure
- 98 dB loud external buzzer

A wide range of transmitters are available:



Standard Transmitter  
(oxygen)



FX-SMT (LEL)  
(combustible)



FX-SMT  
(oxygen/toxic)



FX-IR  
(combustible)



Sample-Draw  
Transmitter

# SAFE T NET 210 & 410

## Wall Mounted, Multi-Channel Gas Monitoring Systems

### Specifications

Range:	Each channel individually adjustable to 999 (decimal may be set in any position); Reads % LEL, PPM or % Vol
Inputs:	4 to 20 mA inputs; Source type – 2 or 3 wire
Detector Heads:	For use with combustible, oxygen & toxic gas detector heads
Analogue Output:	One 4 to 20 mA source for each channel (1000 $\Omega$ maximum at 24 VDC input)
Relay Output:	Individual low (Form C) and high (Form A or B) for each channel; programmable for latching/non-latching, energized/de-energized. Common fault (Form A or B): normally energized, programmable for latching/non-latching. Each relay rated at 10A/125 VAC

### Environmental

Operating Temp:	-4°F to 113°F (-20°C to 45°C)
Humidity:	0 to 95% RH, non-condensing
Area Classification:	Non-hazardous locations

### User Interface

Low Alarm:	Independently adjustable from "Off" to full scale/audible & visual indication/can be activated for rising & falling level
High Alarm:	Independently adjustable from "Off" to full scale/audible & visual indication/can be activated for rising & falling level
Calibration Time-Out:	Programmable, to 99 min. (may be disabled)
Alarm Delay:	Programmable, to 30 sec. (may be disabled)
Audible Alarm:	98 dB

### Programmable

- range
- alarm levels
- gas units
- calibration time-out
- factory setting
- one to two channel operation
- alarm onset delay
- buzzer enable/disable
- decimal place

### Power

Input Power:	100/130 VAC 50/60 Hz. 200/260 VAC 50/60 Hz. (optional) 18 to 30 Vdc, 24 Vdc nominal - for use with battery back-up (optional)
Current Consumption:	<b>Safe T Net 210:</b> 0.4 Amp fused at 2.0 Amp <b>Safe T Net 410:</b> 1.3 Amp fused at 2.0 Amp

### Construction

Dimensions:	<b>Safe T Net 210:</b> 6.30 in. (160 mm) L x 12.9 in. (328 mm) H x 11 in. (280 mm) W <b>Safe T Net 410:</b> 8.31 in. (211 mm) L x 14.55 in. (370 mm) H x 13.25 in. (337 mm) W
Weight:	<b>Safe T Net 210:</b> Approximately 8 lbs. (3.75 kg) <b>Safe T Net 410:</b> Approximately 15.5 lbs. (7 kg)
Case Material:	NEMA 4X molded fiberglass polyester

### Approvals

UL Classified and CSA Certified for non-hazardous locations

### Warranty

One year (materials and workmanship)



*Safe T Net 210  
1 or 2 Channels*



*Safe T Net 410  
1 to 4 Channel*

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