Model 1212-N4X | Gas Detection Control Enclosure

Compatible with Model 12 Control Modules

detcon inc.

ISO 9001: 2008
Certified

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SPECIFICATIONS

Electrical Classification
NEMA 4X raintight

Dimensions
20 5/8"W x 23"H x 10 1/4"D

Capacity
Up to 12
single channel control modules

Power Input
85-264 VAC/24 VDC

Power Consumption
<5 watts per channel
(includes gas sensor & control module)

Outputs
Discrete analog 4-20 mA DC
Serial RS-485 Modbus™
Discrete or zoned alarm relays

Operating Temperature Range
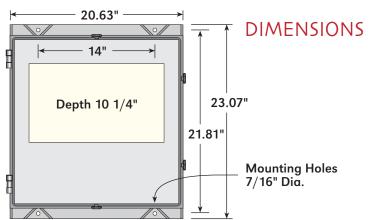-40°C to +80°C; -40°F to +175°F

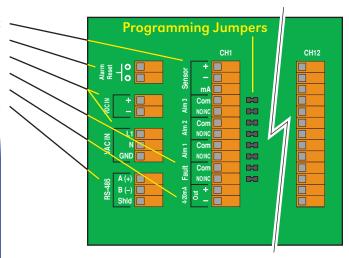**Warranty**
One year

DESCRIPTION

Detcon Model 1212-N4X control enclosure, along with Model 12 digital control modules, is designed to serve as a host control system for remote mount gas detection sensor assemblies. The single channel modular design can be configured for any combination of gases. All control modules are plug-in front panel accessible for easy maintenance and repair. A "blank plate" can be installed on any unused channel until that channel is needed at some future date. The Model 1212-N4X includes an integral power supply. A power on/off switch and line power fuse are front panel accessible.

Status and parameters accessible via RS-485 Modbus™
Discrete or zoned alarm relays (3 alarms plus fault)
NEMA 4X Raintight
Modular plug-in design
1 to 12 channel capacity
Discrete analog 4-20 mA outputs
Compatible with PLC's, SCADA, and DCS

Sensor connections include power and 4-20 mA input
Alarm reset is accomplished via a remote normally open momentary switch
Power input: 85-264 VAC and/or 24 VDC standard
Alarm and fault relays discrete or zoned via gold plated jumper tabs
Discrete 4-20 mA output corresponds to range of detection
RS-485 allows access to status and parameters

DIMENSIONS

20.63"
14"
Depth 10 1/4"
23.07"
21.81"

Mounting Holes 7/16" Dia.

ORDER GUIDE

Model 1212FB Control Enclosure #954-121250-000
Blank Plate #912-000008-005