



835 Sharon Drive
Westlake, Ohio

Fax

To: Seng Lee **From:** Reed Timko

Fax: 1-301-415-5369 **Pages:** (including cover) 3

Phone: (202) 588-9870 **Date:** 02/17/99

Re: NRC License **CC:** [Click here and type name]

Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

Dear Seng,

I have included two sheets with this fax that explain items 2 and 3 as you requested. Hopefully this clears up any misunderstanding you may have. If further explanation is needed, I will be glad to assist. As far as the registration certificate is concerned, I do not anticipate distributing these detectors in the future. There may be a case where a customer errantly returns an old MF detector to us, in all instances, we dispose of them properly.

Thankyou for your efforts in handling our application

Reed Timko

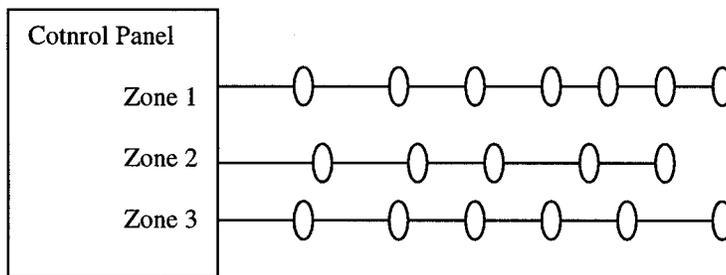
1-440-871-1870 fax

1-440-899-5424 phone

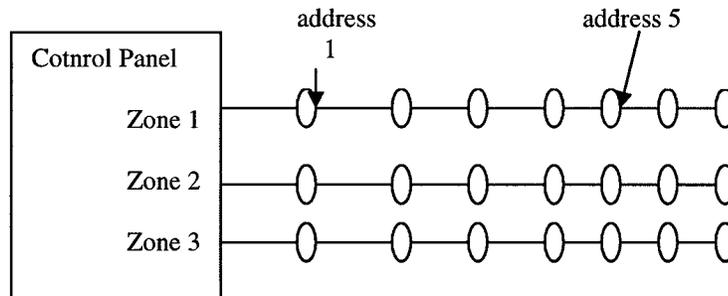
Extract from license

The 612I and 912I (Lo-Pro) series smoke detectors employ an ionization chamber sensing element and is intended for use in commercial/industrial fire detection systems. The 612I is a conventional non-addressable smoke detector, while the 912I is an addressable smoke detector. The detectors are used in ceiling or wall mount applications in plug in bases which are wired to suitable control and indication equipment. These detectors are not intended for sale to the general public for domestic applications.

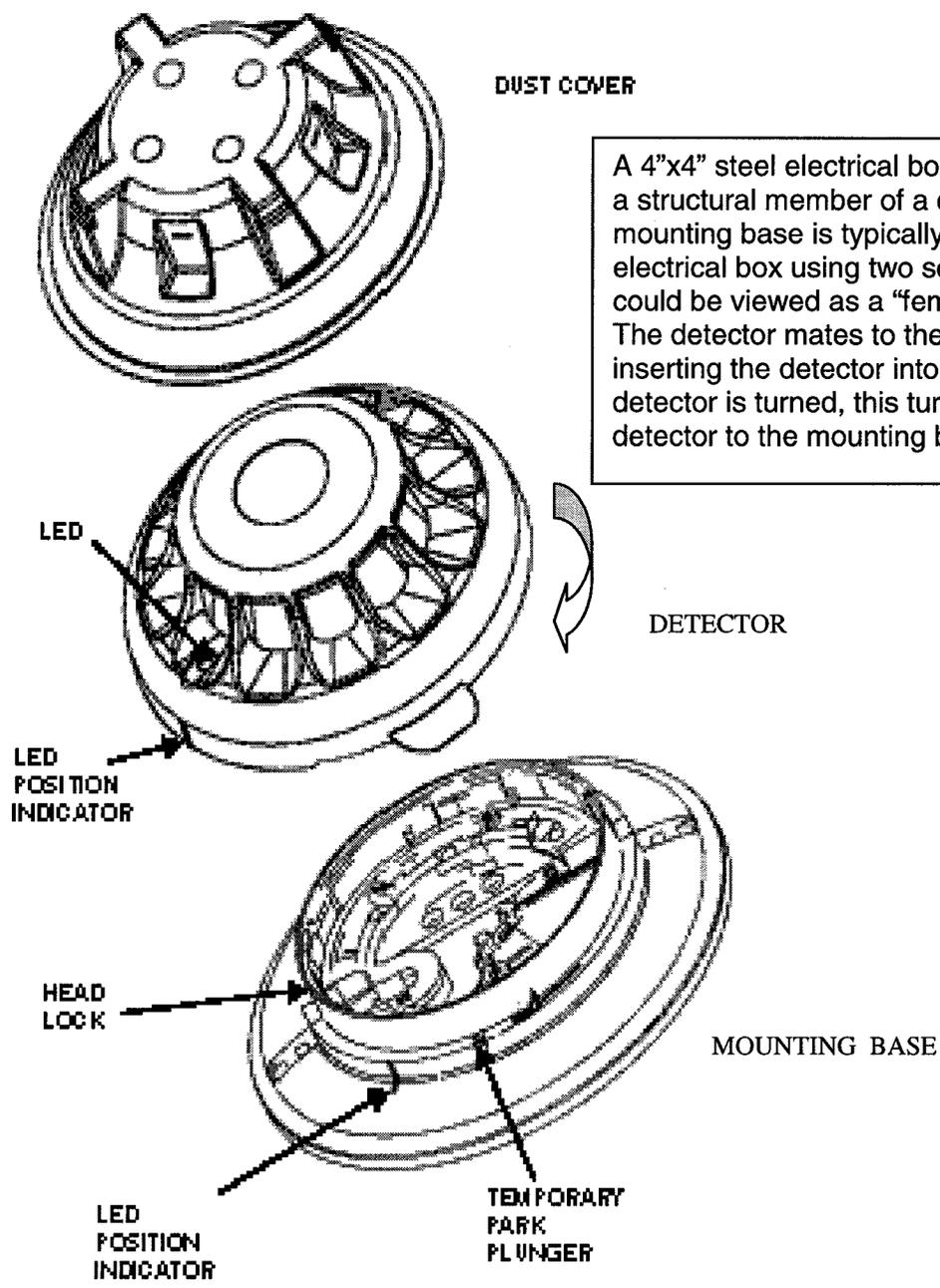
NON-ADDRESSABLE The 612 Ion detector is used with an electronic control panel that cannot determine the specific location of the detector. The control panel identifies the location in a zone format only. Therefore, the panel can only indicate if there is a fire in a particular area, ie North East Wing.



ADDRESSABLE DETECTOR The 912Ion detector is used with an electronic control panel that can determine specifically where a detector is located because the detector's electronic board sends a unique address location in a communication signal. This address location is then programmed into the control panel so that an alarm can be generated which identifies the specific address or location of the detector, ie "COMPRESSOR ROOM".



The non-addressable (612I) and the addressable (912I) detectors contain the same source element. The difference between the two detectors are in the electronic circuit board and the housings. The 912I has connectors imbedded in the plastic so that the "address" can be communicated to the control panel.



A 4"x4" steel electrical box (not shown) is secured to a structural member of a ceiling or wall. The mounting base is typically installed onto the steel electrical box using two screws. The mounting base could be viewed as a "female" outlet for the detector. The detector mates to the mounting base. After inserting the detector into the mounting base, the detector is turned, this turning motion secures the detector to the mounting base.

Figure 1