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NOTIFIER® by Honeywell

Product Announcement

Intelligent InnovairFlex™ Duct Smoke Detectors Updated for Remote Test Applications

NOTIFIER announces the availability of the new, intelligent Remote Test Capable photoelectric detector for use with the updated DNR and DNRW InnovairFlex duct smoke detector housings. See below for details regarding the updates to the DNR and DNRW duct detectors.

This new detector enables updated DNR and DNRW duct smoke detectors to be remotely tested when used in conjunction with RTS151 or RTS151KEY remote test stations. The new Remote Test Capable detector offers the following benefits to duct smoke installations, especially in applications requiring remote test:

- Eliminates the need for the DCOIL
- Eliminates the need for external 24 V power
- Eliminates the additional first cost and installation labor associated with the DCOIL and pulling external power



Figure 1: Detector Cover

Remote Test Capable Detectors
The new FlashScan version, FSP-851R and the FireWarden version, NP-100R detector can be identified by the "Remote Test Capable" text printed on the detector cover (Figure 1). All other features and functions mirror those of the current intelligent photoelectric detectors.

Note: If remote annunciation is all that is required, a Remote Annunciator (RA100Z) may be connected using the standard FSP-851, the new FSP-851R, the standard NP-100 or the new NP-100R.

DNR(W) Update
The DNR and Watertight NEMA 4 DNRW have been updated to include necessary hardware (terminal resistor) to enable the Remote Test Capable detector functionality. Updated DNR models can be identified by their manufactured date code of 0013 or higher. The date code is located on both the carton label (Figure 2) and product nameplate (Figure 4). Another identifier is to verify that the terminal resistor is installed as shown in Figure 3.

Figure 2: Carton label

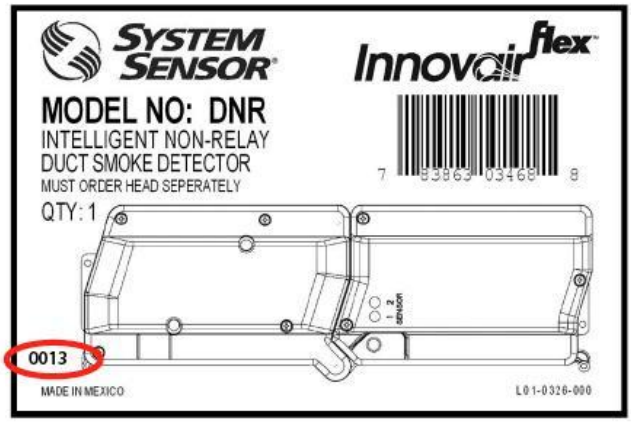


Figure 3: Terminal Resistor

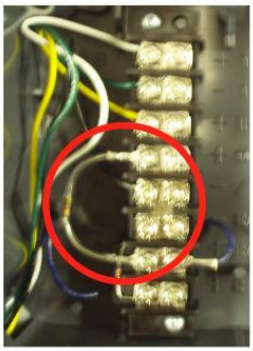
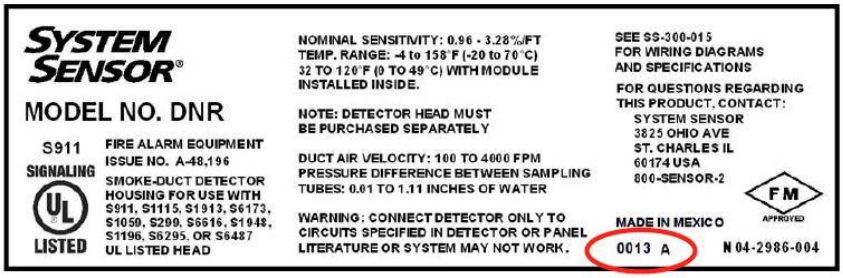


Figure 4: Nameplate



Note: The updated DNR and DNRW will now accept either standard open area photoelectric detectors FlashScan FSP-851, the new Remote Test Capable detector FSP-851R, the FireWarden NP-100 or remote test capable NP-100R.

The FireWarden duct detector, ND-200, includes the DNR housing and a NP-100R photo detector, remote test capable, packaged together in a single carton.

The InnovairFlex series of duct smoke detectors offers unprecedented features to overcome mounting constraints, reduce installation time, and simplify testing and maintenance, including:

- A versatile housing that adapts to various mounting footprints
- The latest technology photoelectric sensor with superb false alarm immunity
- Plug-in sampling tubes that install without hardware, tools, or secondary latches
- Broader operating temperatures: –4°F to 158°F (–20°C to 70°C)
- The power-board side of the housing accommodates addressable Relay/Control modules

Ordering & Availability

Pricing information has been mailed to your office. Orders for the new remote test detector head FSP-851R, NP-100R and ND-200 assembly can be placed immediately. To place an order, please contact your NOTIFIER Customer Service Representative.

Questions

If you have any application questions, please contact NOTIFIER Technical Services at 1-800-289-3473 or NOTIFIER.Tech@honeywell.com.

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