

## Subject: InnovairFlex™ Reset Enhancement

The power up operation of 4-wire InnovairFlex duct smoke detectors has been improved. Specifically, the product has been modified to close the supervisory relay instantly upon power up (like previous DH100 Series duct smoke detectors). This improvement will eliminate nuisance troubles at the panel whenever the product is first powered up or reset. This change will be included in all 4-wire InnovairFlex duct smoke detectors manufactured on or after April 11, 2011.

Prior to April 11, 2011, the InnovairFlex 4-wire duct smoke detectors held the supervisory contacts open for approximately 35 seconds after power up or a reset signal. That process resulted in trouble conditions at the panel.

### Effected Models:

D4120	LD4120BH
D4120B	LD4P120BX
D4120W	PD4120B
D4P120	YD4120B
D4P120B	YD4P120B
LD4120BX	

To determine if 4-wire InnovairFlex duct smoke detectors have this new power up operation enhancement after April 11, 2011, please refer to the date code on the product label (it can be found in the area circled in red below). The 4 digit date code represents the year, month, and week of manufacture. For example, date code “1042” is defined as 1 = year, 04 = April, 2 = 2nd week of the month.



**MODEL NO. D4120**

REPLACES MODEL DH100ACDCP

**SIGNALING** S911 FIRE ALARM EQUIPMENT



SMOKE DETECTOR FOR DUCT APPLICATION  
ISSUE NO. A-48,196

NOMINAL SENSITIVITY  
0.96 - 3.39%/FT  
TEMPERATURE RANGE:  
-4 to 158°F(-20 to 70°C)

DUCT AIR VELOCITY:  
100 TO 4000 FPM  
PRESSURE DIFFERENCE  
BETWEEN SAMPLING TUBES:  
0.01 TO 1.11 INCHES OF WATER

WARNING: CONNECT DETECTOR ONLY TO CIRCUITS SPECIFIED IN DETECTOR OR PANEL LITERATURE OR SYSTEM MAY NOT WORK.

U.S. PATENT NO:  
5,887,095; 6,124,795; 7,322,827; D588,193  
SEE SS-300-000  
FOR WIRING DIAGRAMS  
AND SPECIFICATIONS  
FOR QUESTIONS REGARDING  
THIS PRODUCT, CONTACT:  
SYSTEM SENSOR  
3825 OHIO AVE  
ST. CHARLES IL  
60174 USA  
800-SENSOR-2  
MADE IN MEXICO  
ND4-2939-004



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