



The NATIONAL TIME Addressable Analog Photo and Ion detectors maintain consistent alarm detection over changing ambient conditions. In collaboration with the FACP, its intelligent self-adjusting drift compensation algorithm provides true alarm threshold levels above the detector's ambient value levels. The powerful *DigiComm*[™] communication protocol enables reliable and accurate information to be exchanged between the detector and the Fire Alarm Control Panel. The detectors feature programmable status LED indicators. In the non-active state, the status LED can be used to determine detector type. The Ion detector has a red LED and the Photo has a clear LED which are easily distinguishable at a distance. The detector's address is set in its base providing a convenient and trouble free maintenance procedure. The detectors mount into a selection of base styles to accommodate installation requirements.

FEATURES

False Alarm Immunity

Dirty Detector Sense

Drift Compensation

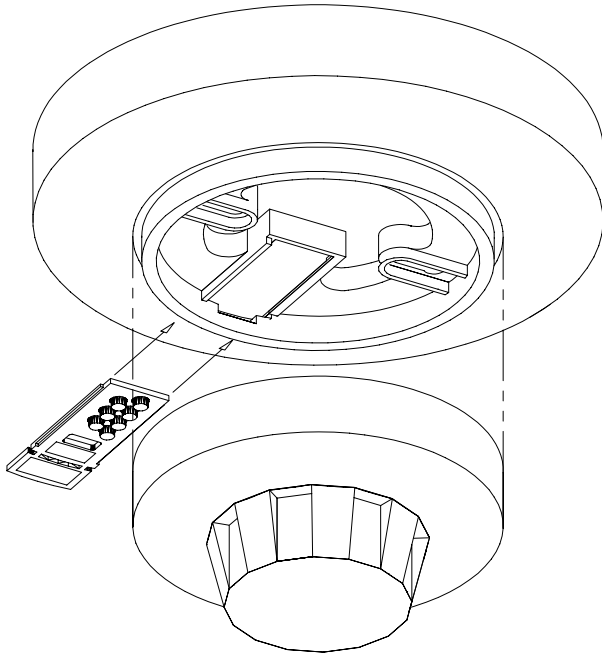
Style 4, 6, or 7 Communication Wiring

Superior *DigiComm*[™] Digital Communication Protocol

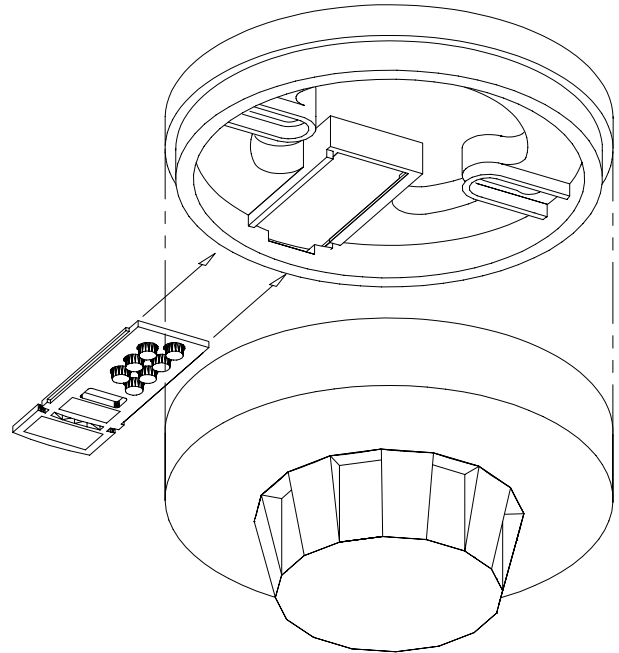
LED Indicator

U.L. Listed

Installation Diagram



Shown with D900-BASE6 and D900-IDENT



Shown with D900-BASE4 and D900-IDENT

Specifications

DigiComm™ Loop Power: Voltage Range 17VDC to 28VDC
Alarm and Supervisory

Current Level: Ion = 280uA (4mA LED Active)

Photo = 340uA (4mA LED Active)

(Note: add 4mA of Alarm current if using D900-BASE6 SOUND or D900-BASE6 AUX)

Communication: Style 4, 6, or 7 (via the *DigiComm™* Communication Loop)

Finish: White Polycarbonate

Dimensions: 4"dia. x 1.65"

Net Wt.: 3.6 oz.

Mounting: To *DigiComm™* Detector Bases (see Bulletin F-360)

Ordering Information

Part No.	Description
D900-ION	Ionization Smoke Detector
D900-PHOTO	Photo Smoke Detector

See Bulletin F-360 for base styles.

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