

## DUCT DETECTORS

### DESCRIPTION

The Fike P/N 63-028, -029, -030, -031, 67-029 and 67-030 duct detectors are the latest in analog and conventional (4-wire) duct detection. All models incorporate Fike NS sensor technology for advanced detection. The analog duct detector allows additional features such as user selectable alarm levels, pre-alarm, alarm verification and drift compensation.

### SPECIFICATIONS/OPTIONS

#### All Models

- Include duct housing and detector
- Terminal blocks accept up to 14 AWG wire
- Form C relays rated 10A - 115V  
Form A relay rated 1A - 24V
- Compatible with sampling tubes:

Fike P/N 02-4630 (STS-2.5)	2.5 ft
Fike P/N 02-4631 (STS-5.0)	5.0 ft
Fike P/N 02-4632 (STS-10.0)	10.0 ft

#### Analog Models

- Operates on the Cheetah digital signal line circuit
- Uses NS analog photo detector
- Detector can be adjusted for alarm level sensitivities between 0.9 to 2.7%/ft obscuration
- Pre-alarm level can be set as low as 0.1%/ft obscuration
  
- Fike P/N 63-028 (DH-98-A) - Base model
- Fike P/N 63-029 (DH-98-AR) - Same as 63-028 except provides:
  - Remote alarm and remote pilot LED outputs
  - One Form C alarm relay
  - One Form C trouble relay
  - Provides input for remote test switch
  - Requires separate 24Vdc power source

#### Conventional (4-wire) models

- Can be magnet tested without removing the housing cover
- Provides one each; Form C alarm relay, Form C trouble relay, and Form A alarm relay
- Provides outputs for alarm LED and pilot LED
- Provides input for remote test and remote reset switch
- Operates on 24Vdc or 24Vac. Additionally, each model has a 115Vac or 230Vac input
  
- Fike P/N 63-030 (DH-98-P) - photo detector, 115Vac
- Fike P/N 63-031 (DH-98-HVP) - photo detector, 230Vac
- Fike P/N 67-029 (DH-98-I) - ion detector, 115Vac
- Fike P/N 67-030 (DH-98-HVI) - ion detector, 230Vac

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