



FWD

## Features

- **Early Warning of Smoke**
- **Two Alarm Relay Outputs NO/NC**
- **Alarm Memory(option)**
- **Built-in Siren**
- **Alarm Delay (option)**
- **Battery back-up (option)**
- **Approved**
- **Test Facilities**
- **Simple and easy installation**

## Technical Data

<b>Connect together:</b>	Ja
<b>Remote start siren:</b>	Ja(+)
<b>Alarm relay:</b>	2NO/NC
<b>Power Supply:</b>	12-24Vdc
<b>Power consumption normal:</b>	9-15mA
<b>Power consumption alarm:</b>	26-32mA
<b>Ambient range:</b>	0-38C
<b>Relative humidity:</b>	10-85%
<b>Loud</b> :	85dB vid 3m
<b>Dimension:</b>	133x130x43

### Options:

<b>Internal battery backup:</b>	Ja
<b>Alarm memory:</b>	Ja
<b>Alarm delay:</b>	Ja

## Early Warning

Early Warning is a condition to be able of quick escape and rescue human being.

Early Warning gives also facility to be quick as possible for limitation of fire.

Smoke Detector FWD 105A discover a fire on very early stage.

FWD uses the smoke in early stage to discover a started fire.

I comparison tests has FWD has been as good as FSAB-approved smoke detectors to discover fire.

## Function - Varningsiren

Early warning is a condffition for immediate escape and quick start of fire protection limitation.

FWD is a smoke detector complete with built-in siren to be connected to independent alarm system.

## Ordering

<b>FWD 105A</b>	Smoke Detector 12/24Vdc c/w relay output
<b>MEM</b>	Alarm Memory
<b>DEL</b>	Alarm Delay
<b>BAT</b>	Internal Battery Back-up

### Funktion

The FWD is a smoke detector of ionisation type.

It detects quickly smoke particles and starting its alarm relay.

Alarm is obtained when smoke particles are present in the open chamber.

The FWD has a built-in alarm siren, which starts when somke is detected.

The FWD can even remote starts from e.g. other detectors, fireman´s switch or other alarm system.

### Wiring Diagram

