

# FIK-M500M Addressable Monitor Module

The FIK-M500M is an addressable monitor module for use with Fike FCP Series fire alarm control panels. The FIK-M500M acts as an interface to contact devices, such as waterflow switches and pull stations.

The FIK-M500M supports Class A supervised or B supervised wiring to the load device. Conventional 4-wire smoke detectors can be monitored for alarm and trouble conditions.

The FIK-M500M mounts directly to a 4" square electrical box with a minimum depth of 2-1/8". A surface mount electrical box is available from Fike.



## COMPATIBILITY

- FCP-75
- FCP-300 / FCP-300ECS
- FCP-2100 / FCP-2100ECS
- RFP-2100

## FEATURES

- Single contact monitor
- Support for Class A or Class B wiring
- Fully supervised
- Rotary address switches for fast installation
- Analog communications

## APPROVALS

- UL Listed
- CSFM
- Factory Mutual Approved

*For exact certification listings, please reference the respective agency website.*

## SPECIFICATIONS

<b>Dimensions (HxWxD):</b>	4.5" x 4" x 1.25" (113.6 mm x 101.6 mm x 31.75 mm)
<b>Weight:</b>	6.3 oz (196 g)
<b>Operating Temperature:</b>	32°F to 120°F (0°C to 49°C)
<b>Humidity:</b>	10 to 93%, non-condensing
<b>Operating Voltage:</b>	15 – 32 Vdc
<b>Current Draw:</b>	5 mA maximum (LED on)
<b>Operating Current:</b>	375 $\mu$ A (LED flashing)
<b>Standby Current:</b>	400 $\mu$ A max. @ 24 Vdc (47K EOL)* 550 $\mu$ A max. @ 24 Vdc (<1K EOL)* 5.5 mA (with LED latched on)
<b>End-of-Line Resistance:</b>	47K $\Omega$
<b>Initiating device circuit wiring resistance:</b>	1,500 $\Omega$ maximum
<b>SLC Loop Resistance:</b>	40 $\Omega$ maximum

\*One communication every 5 seconds.

## ORDERING INFORMATION

Part Number	Description
<b>FIK-M500M</b>	Addressable monitor module
<b>SMB500</b>	4" Square surface mount electrical box