



# SK-MONITOR

## Intelligent Monitor Module

The SK-MONITOR is an addressable monitor module for use with Honeywell Silent Knight Series fire alarm control panels (FACPs). The SK-MONITOR is intended for use in intelligent, two-wire systems, where individual address of each module is selected using the built-in rotary switches.

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

### INSTALLATION

The SK-MONITOR mounts directly into a 4" square electrical box. The box must have a minimum depth of 2-1/8". A surface mount electrical box (System Sensor® PN SMB500) is available from Silent Knight.



**SK-MONITOR**

## FEATURES & BENEFITS

- Single contact monitor
- Support for Class A and Class B wiring
- Fully supervised
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- SEMS screws for easy wiring
- UL Listed
- Rotary address switches for fast installation

# SK-MONITOR Technical Specifications

## PHYSICAL

**Height:** 4.5"H x 4" W x 1.25"D (11.4 X 10.2 X 3cm)

**Shipping Weight:** 6.3 oz (196 g)

## ELECTRICAL

**Operating Voltage:** 15 – 32VDC

**Current Draw (LED on):** 5.0mA max

**Operating Current (LED flashing):** 375µA

**Standby Current:** 400 µA max @ 24 VDC (one communication every 5 sec with 47K EOL); 550 µA max @ 24 VDC (one communication every 5 sec with EOL <1K)

5.5 mA (with LED latched on)

**LED Current:** 5.5 mA (with LED latched on)

End-of-Line Resistance: 47K Ω

**Initiating Device Circuit Wiring Resistance:** 1,500 Ω max

**SLC Loop Resistance:** 40 Ω max.

## ENVIRONMENTAL

**Operating Temperature:** 32°F – 120°F (0°C – 49°C)

**Humidity:** 10% – 93% non-condensing

## ORDERING INFORMATION

**SK-MONITOR:** Monitor Module

## ACCESSORIES

**SMB500:** 4" Square surface mount electrical box

## COMPATIBILITY

The SK-MONITOR is compatible with the following Honeywell Silent Knight fire alarm control panels:

**6820:** Addressable fire alarm control panel

**6820EVS:** Addressable fire alarm control panel with an emergency mass notification system.

**6808:** Addressable fire alarm control panel

**6700:** Addressable fire alarm control panel

**5700:** Addressable fire alarm control panel

**5808:** Addressable fire alarm control panel

**5820XL:** Addressable fire alarm control panel

**5820XL-EVS:** Addressable fire alarm control panel with an emergency mass notification system

For a complete listing of all compliance approvals and certifications, please visit [www.silentknight.com](http://www.silentknight.com).

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This document is not intended to be used for installation purposes. We try to keep our product information up-to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

For Technical Support, call 800-446-6444.

## For more information

Learn more about Honeywell Silent Knight and other products by visiting [www.silentknight.com](http://www.silentknight.com)

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