

### Application

The FSKN is an addressable testing module that meets the NFPA 80 and NFPA 105 life safety damper remote testing requirements. The module interfaces with a control signal via BACnet or Modbus to test and monitor the position of the damper and replaces traditional remote testing methods and accessories. The FSKN is not intended as a safety device or for use with smoke control systems.

### Features

- Complies with NFPA 80 and 105 periodic testing requirement
- Communication via BACnet MS/TP and Modbus RTU (RS-485)
- Testing and status reporting initiated by a single command
- AC 120V (FSKN120-BAC) or AC 24V, DC 24V (FSKN24-BAC)
- Factory mounted or ship loose for field installation
- If factory mounted, damper heights 12 in. (305 mm) and under will be offered with pigtail assembly with 2 feet (610 mm) of conduit and shipped loose for field installation. Final mounting position determined during installation.



#### Electrical Data

Voltage	AC 120V or AC/DC 24V
Voltage frequency	50/60 Hz
Power Consumption DC	0.4W
Power Consumption AC	0.4VA
Electrical Connection	Screw terminal for 18 ga. wire - use copper conductors only

#### Data bus Communication

Protocol	BACnet protocol revision 14
Firmware version	1.0.4

#### Functional Data

Communication control	BACnet MS/TP Modbus RTU
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#### Safety Data

IEC/EN protection	IP10
NEMA/UL protection	NEMA 1
Listing	cULus 60730 BTL certified
Ambient humidity	max. 95% RH, non-condensing
Ambient temperature	-4° to 122°F (-20° to 50°C)
Storage Temperature	-40 ° to 176°F (-40° to 80°C)

**Note:** The FSKN is not to be used in smoke control systems for any safety function, it is not UL 864 UUKL listed. It is an interface for testing containment dampers per Chapter 7 of the IBC and IFC. Use the FSKN with spring return closed dampers only.

### Links



FSKN  
INFORMATION



INSTALLATION



WIRING  
DIAGRAMS