



Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following [name] equipment:

Model FIK-W-WGI Wireless Network Gateway

Approval Guide Listing Category:

- Electrical Signaling Signaling Systems (Fire) Local Protective Signaling Local Protective Signaling

Fike Corp
704 SW 10th Street,
PO Box 610,
Blue Springs, MO, 64015,
United States

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

Approval Standards		Other Standards	
Class Number	Date	Organization, Designation	Date
3010	2018		

Original Approval Job Identification:PR459203

Approval Granted: 30 March 2021

Subsequent Revisions: none

To verify the availability of the Approved product, please refer to www.approvalguide.com

J.E. Marquedant
VP, Manager - Electrical Systems
FM Approvals
1151 Boston-Providence Turnpike,
Norwood MA, 02062 USA

Date 30 March 2021

- Electrical Signaling Signaling Systems (Fire) Local Protective Signaling Local Protective Signaling





Certificate of Compliance

FIKE SWIFT™ proprietary mesh network.
Basic System Features, Components and Modules are:

Operating Band	Lower ISM Band [902 - 928MHz].	FM Reference #
FIK-W-WGI Wireless System Gateway	Acts as a bridge between FM Approved FIKE fire alarm control panels. Multiple mesh networks can be used on each panel. Up to 49 addressable devices can be used on each mesh network. These wireless fire devices communicate with the FWSG over the wireless network formed by the devices and the FIK-W-WGI. The FIK-W-WGI is powered by either the FIKE control panel Signaling Line circuit (SLC) or by any external +24VDC FM Approved power supply (rated 18Vdc to 30Vdc). The communication protocol provided to the FIK-W-WGI is the FlashScan protocol on the SLC to communicate with the panel, while the FIK-W-WGI uses a proprietary wireless protocol (SWIFT™ Network) to communicate with the wireless devices.	PR452903
Compatible FM Approved fire alarm control panels	FCP-2100 and FCP-300	PR459162
FM Approved FIKE wireless input devices compatible with the network	Models FIK-W-PHOTO, FIK-W-ACCLIMATE Photoelectric Smoke Sensors, FIK-W-HEAT and FIK-W-HEAT-ROR Temperature Sensors and FIK-W-MONITOR Monitor Module and FIK-W-RELAY Relay Module along with System Sensor Models B210W and B501W Wireless Detector bases.	PR459209
FM Approved wireless output devices compatible with the network	See below:	
L-Series AV bases (Part numbers: WAV-RL, WAV-CRL, WAV-WL, WAV-CRL WAV = Wireless Audio Visual C=Ceiling W=White R=Red L=L-Series compatible)	The wireless AV base is powered by eight CR123A or DL123A batteries. Four batteries are used to power the notification element and the other four are used to power radio communication element. The module has an LED to indicate the activation and trouble status. The module requires a non-compact wall or ceiling FM Approved System Sensor L-series notification device. A notification device with an audible component must be set to a non-coded setting. Each AV device requires two consecutive SLC addresses on the Fire Alarm Control panel, which is set using a rotary code switch on the AV device and setting the base address. The AV device will also occupy the address following the base address.	3062564



Member of the FM Global Group



Certificate of Compliance

W-SYNC NAC synchronization module	The module works with wireless AV bases to provide audio and visual synchronization of a wireless notification appliance to a wired notification appliance. Synchronization is only available with notification appliances that use the System Sensor synchronization protocol. The W-SYNC also provides wireless control and monitoring of a NAC circuit expander or power supply. The W-SYNC module operates from 24VDC power with supplemental battery support. A trouble will be generated at the panel if batteries are not installed or at a low battery level. Synchronization is not available during supplemental battery operation. The module has an LED to indicate the activation and trouble status.	3062564
FIK-W-PULL-DA pull station	The pull station is powered by four CR123A or DL123A batteries. The device has an LED to indicate the activation and trouble status. The pull station occupies one module address.	PR459209



Member of the FM Global Group