

4" and 6" Sensor Base w/ Built-In Isolator

VF7003-00 and VF7004-00



Standard Features

- UL Listed
- Designed for use with all DCP analog sensors
- Built in LED indication upon short circuit condition
- Available in 4 and 6 inch models.
- Contains a security locking tab for tamper protection.

Operation

The VF7003 4" isolator base and VF7004 6" isolator base are designed specifically for use with the VES Analog sensors, models VF2001 Ionization Smoke Sensor, VF2002, VF2005, and VF2011 Photoelectric Smoke Sensor, VF2003 and VF2010 Heat Sensor and VF2008, VF2012, and VF2014 Multi-Criteria Sensors.

The VF7003 and VF7004 common mounting bases allow for complete compatibility for all of the VES Analog sensors.

Application

The VF7003 4" isolator base and VF7004 6" isolator base are designed for use with VES analog style sensors models VF2001, VF2002, VF2005, VF2003, VF2008, VF2010, VF2011, VF2012, and VF2014.

Each isolator base is connected to an Elite Signaling Line Circuit (SLC) and provides easy replacement of sensors, without disturbing the wiring.

The isolator bases contain a simple rugged design with screw terminals for wiring connections. A common mounting base allows sensor interchange and maintains loop continuity when sensors are removed. A simple anti-tamper head Locking system is provided which is enabled by removing a small plastic tab on the back of the sensor. Once locked, the head can only be removed using a small diameter screwdriver.

Technical Specifications

Operating Voltage	17-41 VDC
VF7003-00	4" Sensor Base
VF7004-00	6" Sensor Base
Current Consumption	Normal 160µA Active 10mA
Security	Plastic tamper lock
Color and Case Material	Bone PC / ABS Blend
Compatible Sensors	VF2001, VF2002, VF2005, VF2003, VF2008, VF2010, VF2011, VF2012, and VF2014

Engineering Specifications

The selected sensor shall be attached to the VF7003 or VF7004 base and permit direct interchange between the listed sensors.

The vandal-resistant, security locking feature shall be used in those areas as indicated on the drawing. The locking feature shall be optional and can be implemented when required.

NOTE SLC maximum resistance is 50 ohms.

