

## Isolator Bases

**AS7003-00** 4" Sensor Base w/Built-In Isolator

**AS7004-00** 6" Sensor Base w/Built-In Isolator



AS7004-00



AS7003-00



### 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.

### Application

The AS7003 4" isolator base and AS7004 6" isolator base is designed for use with Avenger analog style sensors models AS2010, AS2011, and AS2012 Analog Sensor.

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

AS7003 and AS7004 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 screw driver.

### Operation

The AS7003 4" isolator base and AS7004 6" isolator base is designed specifically for use with the Avenger Analog sensors, models AS2011 Photoelectric Smoke Sensor, AS2010 Heat Sensor and AS2012 Multi-Criteria Sensors.

The AS7003 and AS7004 common mounting bases allow for complete compatibility for all of the Avenger Analog sensors.

### Engineering Specifications

The selected sensor shall be attached to the AS7003 or AS7004 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.

### Technical Specifications

**Operating Voltage:** 17 - 41 VDC

**AS7003:** 4" Sensor Base

**AS7004:** 6" Sensor Base

**Current Consumption:** Normal: 160uA  
Active: 10mA

**Security feature:** Plastic Tamper-Lock

**Color & Case Material:** Bone PC / ABS Blend

**Compatible Sensors:** AS2010, AS2011 and AS2012