

AS7015-00 and AS7016-00

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



Standard Features

- UL Listed.
- Updated design compatible with all existing analog sensors and new UL268 7th edition sensors
- 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 AS7015 4" isolator base and AS7016 6" isolator base are designed specifically for use with the Avenger Analog sensors, models AS2001 Ionization Smoke Sensor, AS2002, AS2005, AS2011 and AS2015 Photoelectric Smoke Sensor, AS2003 and AS2010 Heat Sensor and AS2008, AS2012, and AS2014 Multi-Criteria Sensors.

The AS7015 and AS7016 common mounting bases allow for complete compatibility for all of the Avenger Analog sensors.

Technical Specifications

Operating Voltage	17-41 VDC	
AS7015-00	4" Sensor Base	
AS7016-00	6" Sensor Base	
Current Consumption	Normal	160µA
	Active	10mA
Security	Plastic tamper lock	
Color and Case Material	Bone PC / ABS Blend	
Compatible Sensors	AS2001, AS2002, AS2003, AS2005, AS2008, AS2010, AS2011, AS2012, AS2014, AS2015	

Application

The AS7015 4" isolator base and AS7016 6" isolator base are designed for use with Avenger analog style sensors models AS2001, AS2002, AS2003, AS2005, AS2008, AS2010, AS2011, AS2012, AS2014, and AS2015.

Each isolator base is connected to the Avenger DCP 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.

Engineering Specifications

The selected sensor shall be attached to the AS7015 or AS7016 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.

