

Product Name

AccuGuard BP2

Modular Safety Beam System (pictured), Surface Mount Beams Also Available

Manufacturer

MS SEDCO
8701 Castle Park Drive
Indianapolis, IN 46256
Phone: (800) 842-2545
www.mssedco.com

Product Description

BASIC USE

The AccuGuard BP2 is a versatile and unobtrusive infrared safety beam system for automatic doors. This modular system consists of a separate control module, two transmitter beam heads with cables and two receiver beam heads with cables. The beam heads are available for recess mounting (BP2) and can be ordered with surface mount housings (BP2-SURFACE).

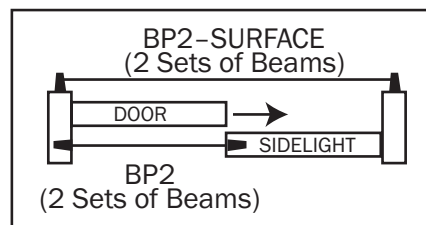
When a beam is interrupted, the control module signals the door to open. In the event of a power loss to the AccuGuard BP2, it will also signal the door to open thus providing a failsafe safety system.

The AccuGuard BP2 can be used in both new and retrofit

installations with minimal door preparation. The beam heads are available for recess mounting into a 1/2" diameter hole or for surface mounting to any surface. Wiring instructions are printed on the control module housing and the software provides automatic set up.

Meet ANSI A156.10 safety requirements for automatic sliding doors by installing a BP2-SURFACE on the sliding door panel side of the entrance and a BP2 on the fixed sidelight side of the entrance.

ANSI A156.10 SLIDING DOOR SAFETY BEAM REQUIREMENTS



Technical Data

- Intelligent Control Module automatically programs itself for one or two beam sets (two sets come with unit)
Microprocessor controlled to minimize interference with other equipment or voltage oscillations
Several units can be used in close proximity to each other
Fuse protected and compact
Automatic beam sensitivity adjustment on openings 36" and wider
Independent sensitivity adjustment for each beam at the control module on openings

less than 36"

- Beam range 0-16 ft.
Excellent resistance to natural and artificial light sources, water and humidity
No false activation from rain or insects
Beam head cables are pluggable allowing for easy replacement
Wire connections at the control module are external screw-type terminals
Cables are color coded: transmitter=black, receiver=gray

SPECIFICATIONS

Table with specifications: Model BP2 & BP2-SURFACE, Detection Method Active Infrared Beam Interrupt, Detection Range 0 to 16 feet, Power Requirements 12V to 24V AC or DC (No Polarity Requirements), Light Resistance Sun-150,000 LUX, Artificial-50,000 LUX, Power Consumption <80 mA, Relay Contacts Form C Contacts Rated @ 1 Amp (Resistive Loads Only), Relay Activation Time 10 ms, Relay Hold Time 500 ms, Status LED Solid Red = Beam Continuity, Flashing Red = Beam Interrupt, Temperature -31 °F to 131 °F (-35 °C to 55 °C)

AccuGuard BP2 Modular Safety Beam System

SENSORS & SWITCHES

Mounting

Control Module: Any Available Door Header Space
Recessed Mount Beam Heads: 1/2" Dia. Hole 1" Deep
Surface Mount Beam Heads: Any Available Surface

APPLICABLE STANDARDS

American National Standards Institute (ANSI) - Building Hardware Manufacturers Association (BHMA) - ANSI/BHMA A156.10.

Availability & Cost

AVAILABILITY

Available internationally from manufacturer's authorized distributors; contact MS SEDCO for the location of nearest distributor.

COST

Cost information on MS SEDCO products is available from the manufacturer's authorized distributors.

Warranty

MS SEDCO, Inc. guarantees this product to be free from manufacturing defects for one year from date of installation. Unless MS SEDCO is notified of the date of installation, the warranty will be in effect for one year from the date of shipment from our factory. If, during the first year, this product fails to operate and has not been tampered with or abused, the unit can be returned prepaid to the factory and be repaired free of

charge. After one year, the unit will be repaired for a nominal service charge. **Limited warranty is in lieu of all other warranties, expressed or implied, including any implied warrantability of merchantability. No representative or person is authorized to assume for MS SEDCO any other liability in connection with the sale of our products. All warranties are limited to the duration of this written limited warranty. In no event shall MS SEDCO be liable for any special, incidental, consequential or other damage arising from any unclaimed breach of warranty as to its products or services.**

Maintenance

MS SEDCO recommends that all maintenance and adjustments be performed by an AAADM Certified Technician.

Technical Services

MS SEDCO's staff of factory trained sales and service personnel offer design assistance and technical support. Local distributors are also available to assist in selecting appropriate devices for specific uses and to provide onsite installation.

DIMENSIONS

