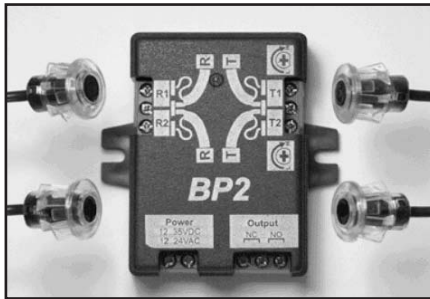




AccuGuard BP2 Modular Safety Beam System

SENSORS & SWITCHES



Product Name

AccuGuard BP2 Modular Safety Beam System

Manufacturer

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Product Description

BASIC USE

The AccuGuard BP2 is a dependable and unobtrusive infrared safety beam system for use with any automatic pedestrian door. This modular system consists of a separate beam control module that mounts in the operator header, two transmitter beam heads with cables and two receiver beam heads with cables that mount in the door jambs, sidelite panels or safety rails.

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

The AccuGuard BP2 is designed for quick installation with minimal door preparation needed. Wiring and adjustment instructions are printed directly on the beam control module housing. The AccuGuard BP2 software provides automatic setup and sensitivity adjustment. The 1/2" diameter beam heads are unobtrusive and simply "snap" into their mounting hole.

The AccuGuard BP2 can be used in new installations or easily retrofit into existing applications and must be used in compliance with ANSI/BHMA A156.10.

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
Extremely resistant to water and humidity
No false activation from rain or insects
1/2" beam heads are pluggable allowing for easy replacement

- Wire connections at the control module are external screw-type terminals
Cables are different colors: transmitter=black, receiver=gray

SPECIFICATIONS

Table with specifications: Model (AccuGuard BP2), Physical Dimensions (Control, Module, Beam Heads, Cable), Color Coded (Black=transmitter, Gray=receiver), Detection Method (Active Infrared Beam Interrupt), Detection Range (0 to 16 feet), Power Requirements (12V to 24V AC or DC), Light Resistance (Sun, Artificial), Power Consumption (<80 mA), Relay Contacts (Form C, 1 Amp), Relay Activation Time (10 ms), Relay Hold Time (500 ms), Status LED (Solid Red, Flashing Red), Temperature (-31°F to 131°F), Mounting (Control Module, Beam Heads).

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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.

Filing Systems

- Sweet's
- Additional product information is available from the manufacturer upon request.

DIMENSIONS

