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# GENERAL OPERATION

## AUTOMATIC SWING DOORS & OPERATORS - HEAVY DUTY

### HD-Swing® Series 4000

#### Activation and Swing Side Safety Sensors

B1.5

Jan 08

### Standard Packages

**Basic Vista™ Sensor System:** 24 VDC, class II circuit adjusted and installed in compliance with ANSI A156.10. System provides for 1-way traffic and will include the following:

**Activation Sensor:** Choice of C1884 microwave sensor or C1234 active infrared sensor mounted on header on approach side of door.

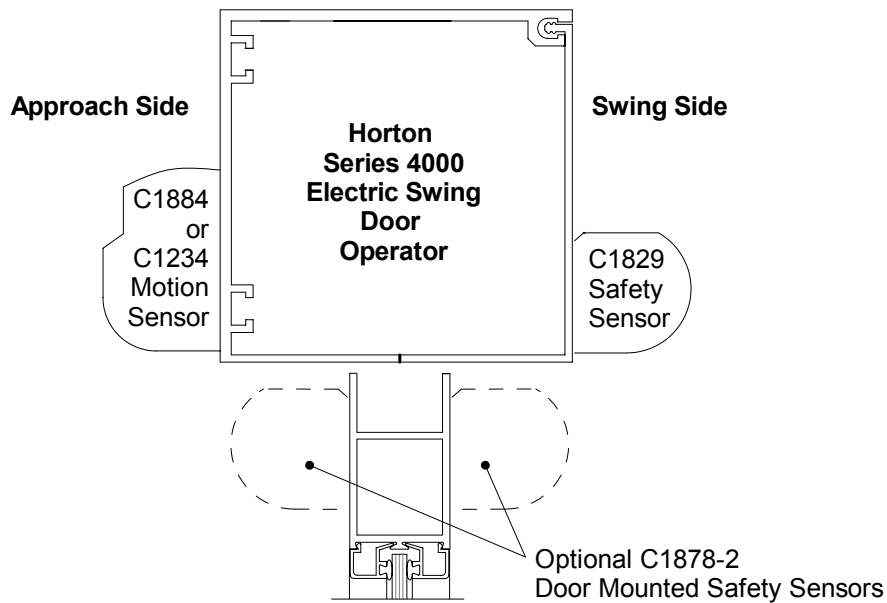
**Swing Side Safety Sensors (Presence Detection):**

- C1829 header mounted sensor provides diffused active infrared detection.
  - a. Sensor shall keep a closed door from opening or an open door from closing when safety zone (swing door area) is occupied.
  - b. When door is in open position the swing side safety sensor shall provide threshold protection covering the full width of door overlapping into activating zone.
- C7783 Sentinel™ Safety Beam: Pulsed infrared photoelectric beam. Sender/reciever arrangement mounted in guard rails beyond the swing of the door for ANSI compliance.

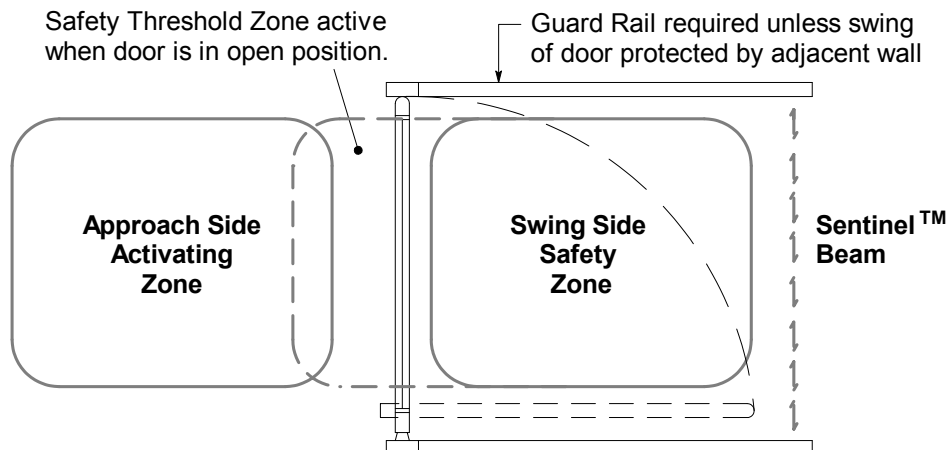
**Enhanced Vista™ Sensor System:**

Shall utilize same activation sensors and swing side safety sensor as basic system but will include additional C1878-2 door mounted presence sensors for each side of the swing door panel. Sensor shall provide focused infrared safety zone protection.

**For Tech Data on Sensor System components see pages E2.2 and E2.3.**



**Vertical Section**



**Basic Vista™ Floor Plan**

4.168d