

Experience a safer
and more open world



Intelligent control of the number of people in the building

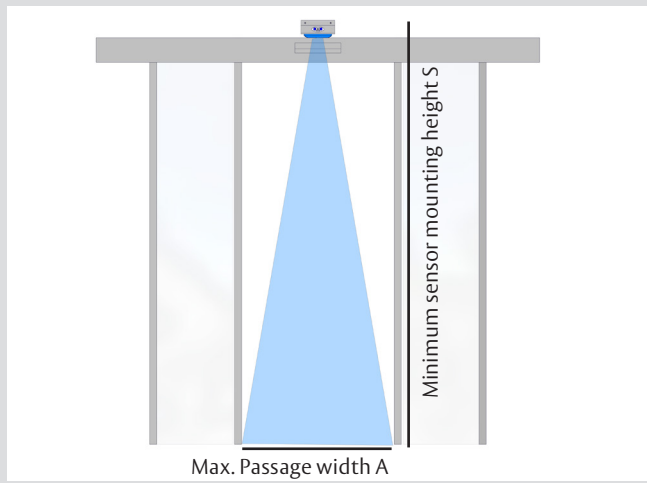
ASSA ABLOY FlowControl is an automated people counting system for retail stores and stores. The system reliably counts all incoming and outgoing people in both directions. When the predefined maximum number of people is reached, the entrance door is automatically deactivated in order to prevent further entry of people.

This enables active control and limitation of the flow of people into a building. Up to 4 separate entrance and exit doors can be integrated into the counting system.

Clearly visible, color-changing LED strips visually enhance the door and signal the availability of the door in green / red.

Benefits

- Automatic stop of the flow of people when the predefined maximum number of people is reached
- Interaction with the door in the entrance direction (escape direction not affected)
- Automatic voice output when the limit is reached
- Manually adjustable count values (+/- buttons), intuitive operating display with count display
- Only 2-4 hours of installation work
- Clear signaling with green / red LED strips (IP65), vandal-proof
- Meets DVSGO requirements. No personal data is generated or saved. Connection to building management systems possible (GLT)



min. mounting height sensor S	max. passage width A
2 100 mm	1 300 mm
2 200 mm	1 400 mm
2 300 mm	1 500 mm
2 400 mm	1 600 mm
2 500 mm	1 700 mm
2 600 mm	1 800 mm
2 700 mm	1 900 mm
2 800 mm	2 000 mm
2 900 mm	2 100 mm
3 000 mm	2 200 mm

The mounting height of the sensor depends on the passage width A of the door.
Please note: The passage width defines the minimum sensor installation height.

System specifications
Counting accuracy >99%
Sensor installation height: 2 100 - 3 000 mm
Passage width: max. 2 100 mm bei 3 000 mm sensor installation height
Min. object height to count: 1 300 mm
Maximum number of sensors combined: 4; maximum distance between all sensors is limited to 60 m with 4 sensors, 100 m with 3 sensors, 120 m with 2 sensors
Multiple entry / exit door configuration layouts: Yes
Configurable counting values: Yes, actual and maximum people count is adjustable
On / Off button: Yes
Control unit: BDE-D FC control unit
Interaction with sliding doors: Yes, all record doors + brands with radar sensors (relay output) are compatible; compatibility of bus-connected radar sensors to be clarified.
Installation requirements
Power supply: 110 – 230 V AC, 50-60 Hz
Indoor / outdoor usage: LEDs outdoor IP65, sensor/electronics indoor
Counting Technology: Time-of-flight 3D

Art. No. AA	Name	Description	Installation efforts*
121-000815624	Flow Control basic kit	Stand-alone counting system with automatic entry door deactivation at occupancy limit 1 pc. counting sensor incl. 7 m cable length – mounting kit door drive (included) – mounting kit ceiling (included), up to 3 m sensor mounting height 1 pc. control unit BDE-D FC with display to set, incl. 15 m cable length – current people count (keys +/-), reset counter - set max. allowed people count, 2 pcs. LED stripe (IP65) to signal entrance status green / red, 5 m cable length 1 pc. electronics box incl. power supply, 5 m cable length with Schuko plug 1 pc. cable for the interaction with the door, 5 m cable length	2-4 h
121-000815712	Flow Control basic kit +Voice box	Art. No. 121-000815624 FlowControl Basic kit plus 1 pc. Integrated Voice box + 84 dB speaker and 1.2 m cable length	0.5-1 h
121-000815625	Flow Control Counting sensor	1 pc. counting sensor for an additional entry/exit door (multiple door setup) incl. 15 m sensor to sensor cable length – mounting kit door drive (included) – mounting kit ceiling (included), up to 3 m sensor mounting height Please note: This cable connects one sensor with another. Extended cable length available.	0.5-1 h
121-000815626	FlowControl LED stripes	2 pcs. additional LED stripes (1 000 mm) for multiple entry door signalisation, incl. 5 m cable length, (please consider any cable extensions adapted to local conditions)	0.5-1 h

Video FlowControl

